STATE OF CALIFORNIA

The Resources Agency

Department of Water Resources

BULLETIN No. 69-75

CALIFORNIA HIGH WATER

1974-1975

FEBRUARY 1976

CLAIRE T. DEDRICK
Secretary for Resources
The Resources Agency

EDMUND G. BROWN JR.
Governor
State of California

RONALD B. ROBIE
Director
Department of Water Resources

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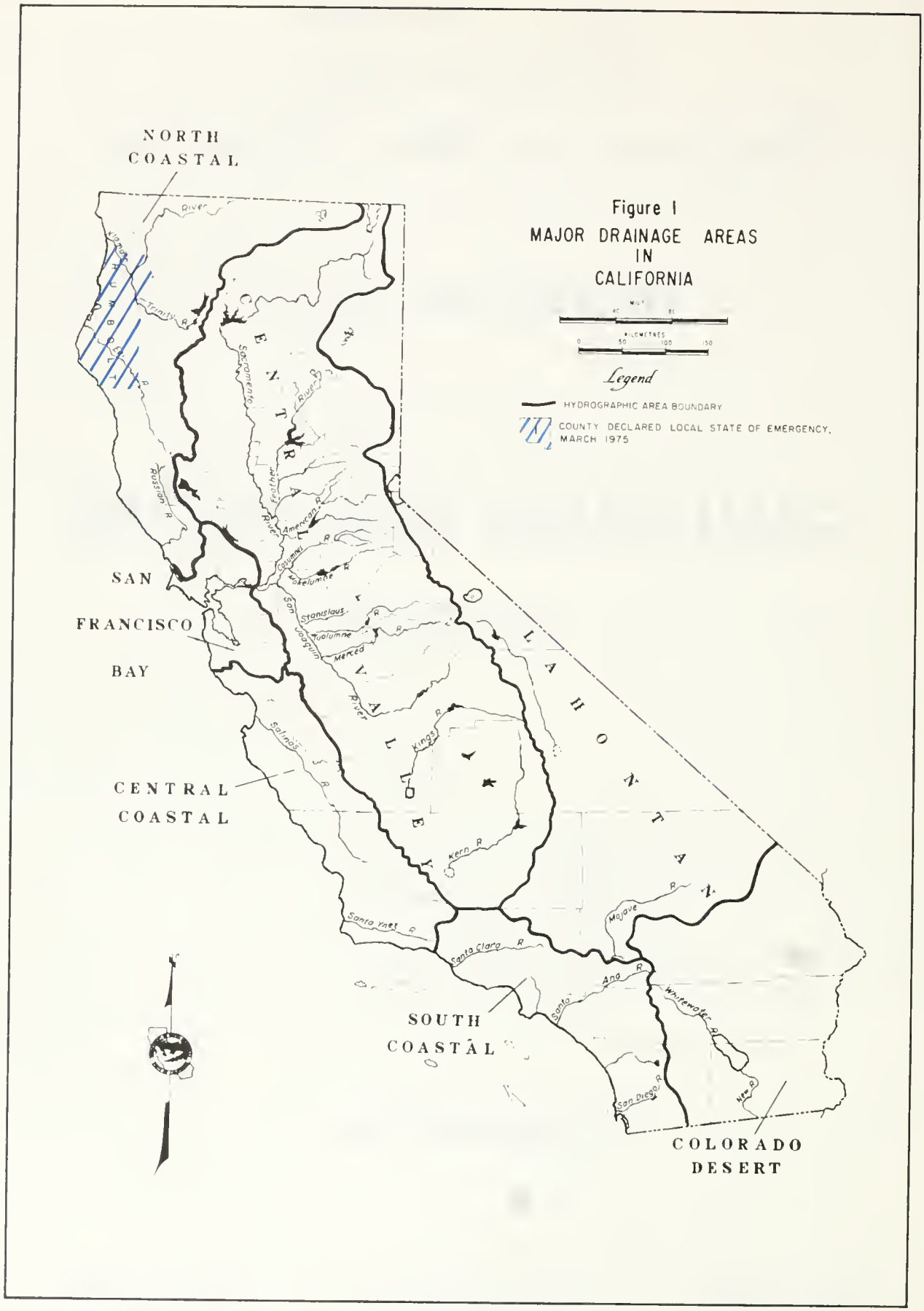
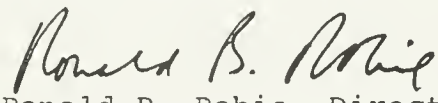

NORTH COASTAL
SAN FRANCISCO BAY
CENTRAL COASTAL
SOUTH COASTAL
COLORADO DESERT
Figure 1
MAJOR DRAINAGE AREAS IN CALIFORNIA
Legend
HYDROGRAPHIC AREA BOUNDARY
COUNTY DECLARED LOCAL STATE OF EMERGENCY, MARCH 1975
Trinity R.
Sacramento River
Feather River
American R.
Mokelumne R.
Stanislaus R.
Tuolumne R.
Merced R.
San Joaquin River
Kings R.
Kern R.
Santa Ynez R.
Santa Clara R.
Santa Ana R.
San Diego R.
Mojave R.
Whitewater R.
Colorado R.

FOREWORD

The winter of 1974-75 for California was relatively dry through January, but the earlier lack of precipitation was offset during February and March by abundant rainfall and a heavy late-season snowpack. Despite these occurrences, the State passed through the season without major flood damage. The Eel River in Humboldt County produced the most notable flooding that did occur, and mud and rock slides in Humboldt and Los Angeles Counties caused most of the storm-related damage.

Bulletin No. 69-75, the 13th in an annual series of reports on high-water events in California, presents information on flooded areas and storm damage during the 1974-75 water year (October 1 through September 30). The Bulletin also describes the general weather patterns preceding and during the significant storm periods, the precipitation characteristics of these storms, and the resultant runoff. Included are tabulations of precipitation comparisons and peak streamflows and stages, hydrographs of stream stages and reservoir operations, and weir overflow graphs.

In addition to data compiled by the Department of Water Resources, information for the report was supplied by the National Weather Service, the U. S. Geological Survey, the U. S. Army Corps of Engineers, the U. S. Bureau of Reclamation, and many other public and private agencies. The assistance of the cooperating agencies is greatly appreciated.



Ronald B. Robie, Director
Department of Water Resources
The Resources Agency
State of California

State of California
EDMUND G. BROWN JR., Governor

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CLAIRE T. DEDRICK, Secretary for Resources

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CONVERSION FACTORS

English to Metric System of Measurement

Quantity	English unit	Multiply by	To get metric equivalent
Length	inches (in)	25.4	millimetres (mm)
		.0254	metres (m)
	feet (ft)	.3048	metres (m)
	miles (mi)	1.6093	kilometres (km)
Area	square inches (in^2)	6.4516×10^{-4}	square metres (m^2)
	square feet (ft^2)	.092903	square metres (m^2)
	acres	4046.9	square metres (m^2)
		.40469	hectares (ha)
		.40469	square hectometres (hm^2)
		.0040469	square kilometres (km^2)
	square miles (mi^2)	2.590	square kilometres (km^2)
Volume	gallons (gal)	3.7854	litres (l)
		.0037854	cubic metres (m^3)
	million gallons (10^6 gal)	3785.4	cubic metres (m^3)
	cubic feet (ft^3)	.028317	cubic metres (m^3)
	cubic yards (yd^3)	.76455	cubic metres (m^3)
	acre-feet (ac-ft)	1233.5	cubic metres (m^3)
		.0012335	cubic hectometres (hm^3)
		1.233×10^{-6}	cubic kilometres (km^3)
Volume/Time (Flow)	cubic feet per second (ft^3/s)	28.317	litres per second (l/s)
		.028317	cubic metres per second (m^3/s)
	gallons per minute (gal/min)	.06309	litres per second (l/s)
		6.309×10^{-5}	cubic metres per second (m^3/s)
	million gallons per day (mgd)	.043813	cubic metres per second (m^3/s)
Mass	pounds (lb)	.45359	kilograms (kg)
	tons (short, 2,000 lb)	.90718	tonne (t)
		907.18	kilograms (kg)
Power	horsepower (hp)	0.7460	kilowatts (kW)
Pressure	pounds per square inch (psi)	6894.8	pascal (Pa)
Temperature	Degrees Fahrenheit (°F)	$\frac{tF - 32}{1.8} = tC$	Degrees Celsius (°C)

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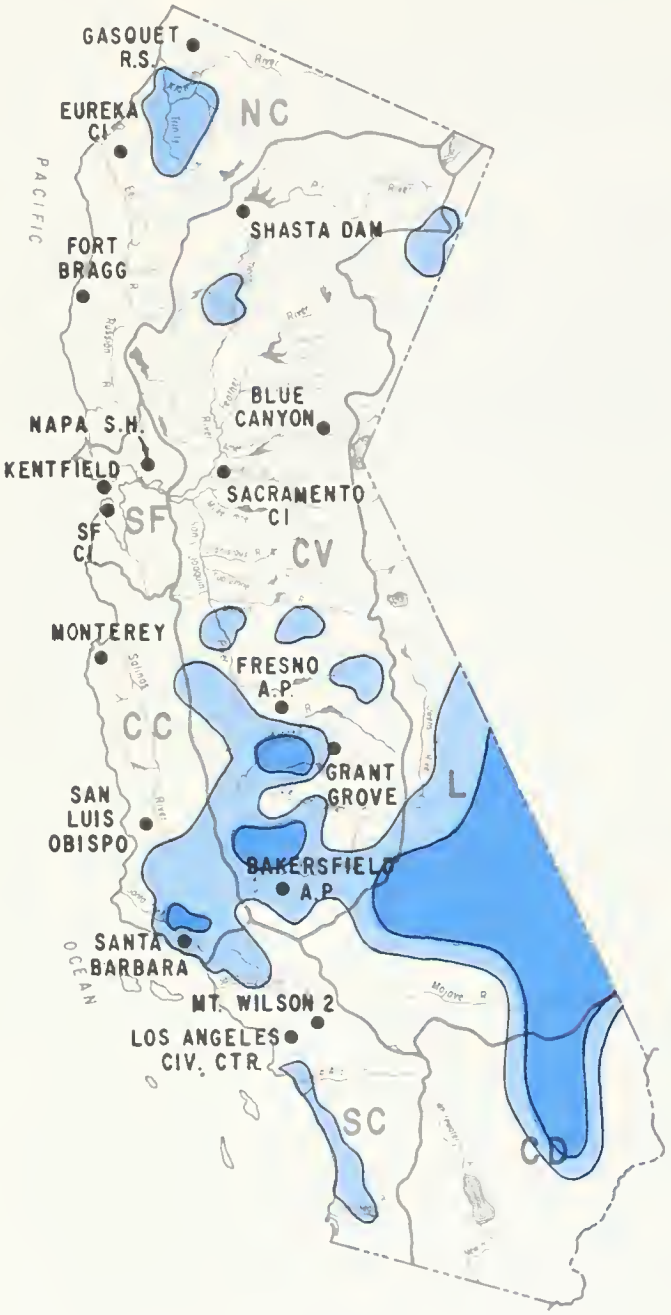
APPENDIXES

FIGURES

TABLES

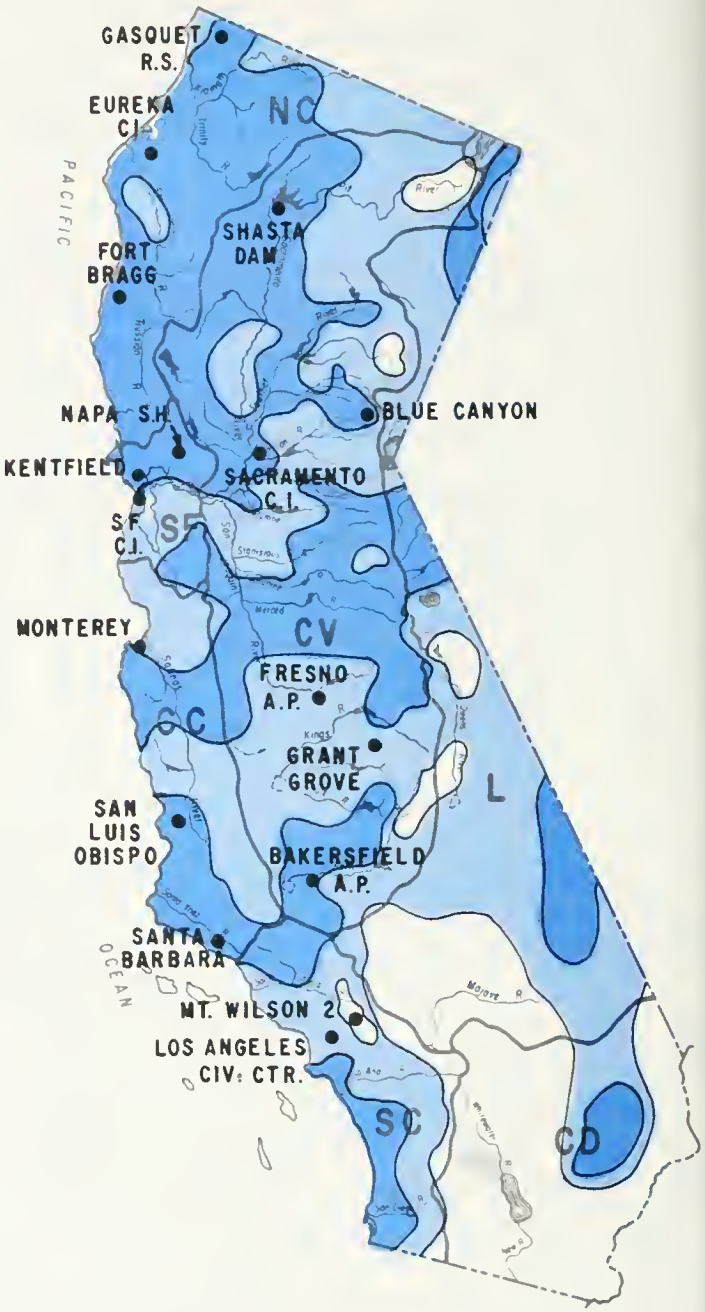
SEASONAL PRECIPITATION

FIGURE 2



OCTOBER 1, 1974 - JANUARY 31, 1975

FIGURE 3



OCTOBER 1, 1974 – MARCH 31, 1975

HYDROGRAPHIC AREA

- NC – NORTH COASTAL
- SF – SAN FRANCISCO BAY
- CV – CENTRAL VALLEY
- L – LAHONTAN
- CC – CENTRAL COASTAL
- SC – SOUTH COASTAL
- CD – COLORADO DESERT

LEGEND

- 100 % AND OVER
- 80 % – 100 %
- UNDER 80 %
- HYDROGRAPHIC AREA BOUNDARY
- PRECIPITATION STATION

STORMS AND STORM DAMAGE OF THE 1974-75 SEASON

The weather for California during the winter of 1974-75 occurred in two distinct segments. The first was generally characterized by a high-pressure ridge along the Pacific coast from October 1974 through January 1975 that resulted in subnormal precipitation for most of the State (Figure 2). The second part of the winter was characterized by an upper-level trough over the eastern part of the Pacific Ocean which brought above-normal precipitation for February and March, 1975. These two wet months more than compensated for the previous dry ones in many areas of the State and brought the seasonal total precipitation up to and above normal (Figure 3). More detailed descriptions of seasonal precipitation are presented in the Department's Bulletin No. 120-75; "Water Conditions in California", Reports Nos. 1 through 4. Table 1 presents the rainfall amounts accumulated in each period at selected stations.

TABLE 1: PRECIPITATION AMOUNTS AT SELECTED STATIONS DURING WATER YEAR 1974-75

Station	Elevation		Total Precipitation-Selected Stations						Maximum One-Day Amounts		
			October '74-January '75			February '75-March '75					
	feet	(metres)	inches	(millimetres)	Percent Normal	inches	(millimetres)	Percent Normal	Date	inches	(millimetres)
North Coastal Area											
Gasquet RS	384	(117)	35.5	(902)	64	45.3	(1150)	196	3/17	5.0	(130)
Eureka CI	43	(13)	16.1	(409)	70	20.1	(510)	201	3/18	3.9	(99)
Fort Bragg	80	(24)	15.3	(389)	65	21.6	(549)	202	3/18	2.2	(56)
Sacramento Valley Area											
Shasta Dam	1076	(328.2)	18.6	(472)	51	39.8	(1010)	250	3/19	4.5	(110)
Blue Canyon	5280	(1610)	19.8	(503)	62	35.2	(894)	196	3/25	3.0	(76)
Sacramento CI	19	(5.8)	6.6	(170)	62	10.6	(269)	205	12/8	1.6	(41)
San Joaquin Valley Area											
Grant Grove	6600	(2013)	12.6	(320)	57	20.4	(518)	146	12/4	2.5	(64)
Fresno AP	328	(100)	3.7	(94)	72	3.7	(94)	110	10/29	1.0	(25)
Bakersfield AP	475	(145)	3.6	(91)	138	2.2	(56)	116	12/4	0.9	(23)
San Francisco Bay Area											
Napa State Hospital	60	(18)	7.3	(185)	50	14.0	(356)	205	2/12	1.4	(36)
Kentfield	128	(39.0)	12.6	(320)	42	27.4	(696)	207	2/13	3.8	(96)
San Francisco CI	52	(16)	5.4	(140)	43	11.8	(300)	205	3/22	2.0	(51)
Central Coastal Area											
Monterey	345	(105)	5.9	(150)	-	7.7	(200)	-	-	-	-
San Luis Obispo	315	(96.1)	7.9	(200)	67	14.2	(361)	196	2/2	2.9	(74)
Santa Barbara	5	(1.5)	8.2	(210)	90	10.5	(267)	175	12/4	3.3	(84)
South Coastal Area											
Mt. Wilson 2	5709	(1741)	9.3	(240)	56	19.0	(483)	177	3/6	3.7	(94)
Los Angeles	270	(82.4)	4.4	(110)	69	6.1	(150)	151	12/4	2.0	(51)

Metric Equivalents:
1 inch = 25.4 millimetres (mm)
1 foot = 0.305 metre (m)

COSTA MESA CITY TRUCK GETS STUCK AT MAGNOLIA STREET AND IRVINE AVENUE
Driver was on Route This Morning to Help Motorists Stranded in Construction Area

CINDY THORSON (WITH PADDLE) AND FRIEND MAKE CROSSING OF GRAHAM STREET
Huntington Beach Girls Take to Canoe. That's Warner Avenue in Background

Drivers Float to Work

Coast Downpour Floods Freeway Lanes, Drains

FLOODED INTERSECTIONS IN ANAHEIM AND OTHER COUNTY AREAS SNARL MORNING TRAFFIC
Typical flooding was expected at Ball Road and Brookhurst Street, where many motorists abandoned stalled cars

Worst storm in recent history

Page 1

Streets flood, motorists float

SOUTH COASTAL AREA
Storm of December 4-5, 1974

SWEPT AWAY—Car is partly submerged alongside Lomita Blvd. in Harbor City after it was carried off the roadway by floodwaters. The driver escaped. Southern part of the county was hard hit.
Times photo by Mike Meadows

Storm's Last Gasp Brings Showers as Southland Digs Out

SLIDE—Scene opposite Marineland on Palos Verdes Drive South where rock and mud deposited by floods

Heavy Rains Cause Floods, Mud Slides

Several Freeways Close; Roofs Collapse Under Weight of Water

BY JACK JONES
Times Staff Writer

Intense, pounding rain flooded intersections, collapsed roofs, forced homeowners to evacuate, submerged cars and generally caused problems throughout Southern California today before the season's worst storm moved on.

With Los Angeles getting a storm total of 1.63 inch overnight, some of the worst local flooding was in the Carson-Lomita area, where water was reported up to 10 feet deep at one spot.

when lines fell at 139th St. and Crenshaw Blvd.

Tuesday night, a 3-square-mile area of Palos Verdes Estates was blacked out and the police department had to switch to auxiliary power.

About 2,000 Department of Water & Power customers in central Los Angeles were without power for 20 minutes when water disrupted entitlement. There were spot outages

October 1974 through January 1975

Most of October 1974 was an extension of the preceding long, dry summer, but near the end of the month a weather system brought sufficient rainfall to most of the State to nearly equal the amounts normal for October. Rainfall during November was fairly evenly distributed throughout California, but was generally less than 50 percent of normal for the month.

The first week of December brought the first significant storm of the season, with high winds and some heavy rain which extended even into Southern California. Precipitation amounts from that storm generally ranged from one to three inches, but because it was the first major rainfall, the runoff to major streams was not excessive. Los Angeles County reported that some earth slides and local flooding occurred, and some roofs collapsed on several commercial buildings. The Sacramento River rose to the top of Tisdale Weir but no overflow to the bypass system occurred. Rainfall during the remainder of the month drifted back into the subnormal pattern of the previous month.

This below-normal trend extended through January, bringing the seasonal total precipitation throughout most of the State to less than 80 percent of normal. The basic cause of this extended subnormal precipitation was an unusual high ridging along the west coast near the 120°-130° West longitude which blocked the customary path of storm systems traveling eastward and pushed the storms into a more northerly route. This pattern left California on the outer fringes of most of the storms; only a few (such as the December 3-5 storm) were able to break through.

February through April, 1975:

By February 1975, the normal seasonal atmospheric activity began to overtake and to overcompensate for the anomalous pattern of the previous three months. The mean ridge was forced eastward, and a cold upper-level trough that formed over the eastern Pacific became the prominent circulation feature for the next two months, causing winter storm systems to track through California.

During the first week of February, a series of cold fronts moved out of the Gulf of Alaska into California bringing significant precipitation with a very low snowline. By February 4, a blocking high developed in the upstream ridge over southern Alaska, causing the flow into California to move from a more westerly direction and

Minor Floods In Heavy Rain

Heavy rains caused minor flooding throughout Sonoma County Friday as nearly one and one-half inches fell in Petaluma.

Friday s storm, which reportedly will be followed by another large storm tomorrow, brought the total rainfall locally to 21 47 inches since July 1, 1974 still below last year s mark of 24 88 inches at this time

As the photos show, low areas throughout Petaluma were under water but drainage ditches were able to handle the flow No major damage was reported.

Elsewhere in the Bay Area, however, numerous power lines were knocked down causing blackouts and loss of telephone services.

The California Highway Patrol office in Santa Rosa was one of the victims of the storm, losing regular power and phone service leaving the station with limited radio use and no phones

The Sonoma County Sheriff s office reported that all roads remained open and the Russian River was expected to crest at 29 feet today, three feet below flood stage.

SONOMA COUNTY
March 22, 1975

Sneak Storm Hurls Rain, Snow, Wind on Bay Area

PAGE 1

A vicious storm carrying snow, high winds, heavy rains and hail sneaked into the Bay Area today, crippling traffic in some areas and causing road closures and flooding

Several inches of snow was reported in the Oakland and Berkeley hills, in Montclair, and along the freeway from the Caldecott Tunnel all the way to Walnut Creek

Authorities closed Grizzly Peak Boulevard, Fish Ranch and Wildcat Canyon roads as the snow line from the unexpected storm lowered to the U C campus in Berkeley

Heavy snow fell on both Mt Diablo and Mt Tamalpais, closing the roads into the state parks

Although the forecast had called for only cloudiness and daytime temperatures in the high 50s to mid 60s the thermometer hovered between 38 degrees at San Francisco International Airport and 41 at Oakland International Airport at midday.

Small craft warnings were posted in the afternoon for northwesterly winds gusting up to 40 miles per hour, decreasing tonight. When the forecast finally was revised, it called for rain or snow turning to showers tonight and early tomorrow Lows tonight were expected to be in the 30s and low 40s, the weather service said

The heavy rains caused flooding along the Nimitz Freeway from High Street to below the Oakland Coliseum

Snow fell on the hills of all the Bay Area counties above about 1,000 feet Roads were closed locally over a wide area

SAN FRANCISCO BAY AREA
March 13, 1975

Daily Pilot Staff Photo

IN LAGUNA, MUD SLID ONTO BERMUDA DRIVE
Street in Mystic Hills Had Sidewalk Covered

Coastal Area Hit By Slides

By FREDERICK SCHOEMEHL
Of the Daily Pilot Staff

Nearly a score of flooded homes in Dana Point and Capistrano Beach and severe rockslides that twice closed Pacific Coast Highway north of San Clemente marked the most serious damage from the storm front that hit the South Orange Coast Monday and early today.

Orange County firemen were summoned to 18 homes in Dana Point and Capistrano Beach Monday afternoon to remove water that crept in under doors after street gutters filled with storm runoff

Streets particularly affected were Pacific Coast Highway in Dana Point and Calle Fortuna Calle Portola, Via Saeramento and Via California in Capistrano Beach a fire department spokesman said

[illegible] county firemen vacuumed water from the homes; state highway crews worked through the evening hours to clear tons of debris from Coast Highway between Palisades Drive and

ORANGE COUNTY
March 11, 1975

B S photo by Gary Miller

ENTERPRISE RESIDENTS OF BONESET STREET ROWED OUT THROUGH DEEP WATER
Ken Pereira steers; Kevin Ross rides, and John Piro wades

PAGE [illegible]

4.34 inches in city

Rainstorm wallops area

By JON GODDARD

A storm that dumped 4 34 inches of rain on Redding Tuesday was full of sound and fury but caused very little damage

were normal today.

A bridge on Granite Drive off Rock Creek Road in Shasta was covered with water for a time Tuesday One mile east of Shasta, State Department of [illegible]

The storm didn't hit the Shasta Lake drainage area as hard as it hit the Redding area, officials said

No problems from rains were reported in Siskiyou County.

SHASTA COUNTY
March 19, 1975

bringing warmer air masses and high snowlines. (This development was reminiscent of the early January 1974 storms which subsequently produced the disastrous Dunsmuir floods). A series of seven weather fronts brought substantial precipitation to Northern and Central California during mid-February. Rainfall in Northern and Central California ranged from near normal to almost 200 percent of normal for the month.

Although the runoff produced by these storms did not develop into the magnitude of the January 1974 runoff, it was sufficient to bring several Northern California streams to flood stage. The Eel River on the north coast exceeded flood stage in the river's delta, necessitating the evacuation of several farm families and numerous head of livestock; the Russian River exceeded flood stage near Guerneville by about 4-1/2 feet (1.4 metres), but no major damage was reported; the Sacramento River reached flood stage at Tehama Bridge and Vina Woodson-Bridge, and also caused overflow to the bypass system at Moulton, Colusa, Tisdale, and Fremont Weirs (Figures 13 and 14). Near the southern end of the Yolo Bypass, water went over the top of a private levee and flooded Little Holland tract, destroying a newly planted crop.

The cold, wet weather regime which began in early February presisted through March. Central and Northern California received precipitation that ranged from almost 150 percent of normal to more than 300 percent of normal during March.

Early in the month, a brief but intense cold storm was centered on the south coast. A precipitation station at Topanga in Los Angeles County reported 3.65 inches (92.7 millimetres) of rain in a 24-hour period on March 6. The storm produced local flooding and mud and rock slides in Topanga Canyon and other locations in the Santa Monica Bay area, but no major damage was reported.

Another intense cold storm centered in the San Francisco Bay area on March 13 brought high winds, heavy rain, hail, and a low snowline which blanketed the Bay area hills above an elevation of 1,000 feet (305 metres), crippling traffic and causing much local flooding.

The most significant storm of the season occurred on March 17 and 18. This system involved a slow-moving front that entered the northern part of the State and brought the most intense rainfall that the north coast

FRESHWATER CREEK, EAST OF EUREKA, MARCH 19, 1975

Local runoff, combined with overflow from Freshwater Creek, inundated farms (above), swept a pickup truck from a county road (lower left), and left behind a trail of debris on fences (lower right).

was to experience during the winter. Several stations reported 24-hour totals exceeding 8 inches (200 millimetres). Table 2 presents storm totals for several north coast precipitation stations during this period; Figures 4 and 5 are isohyetal representations of this storm over the north coast and Sacramento Valley.

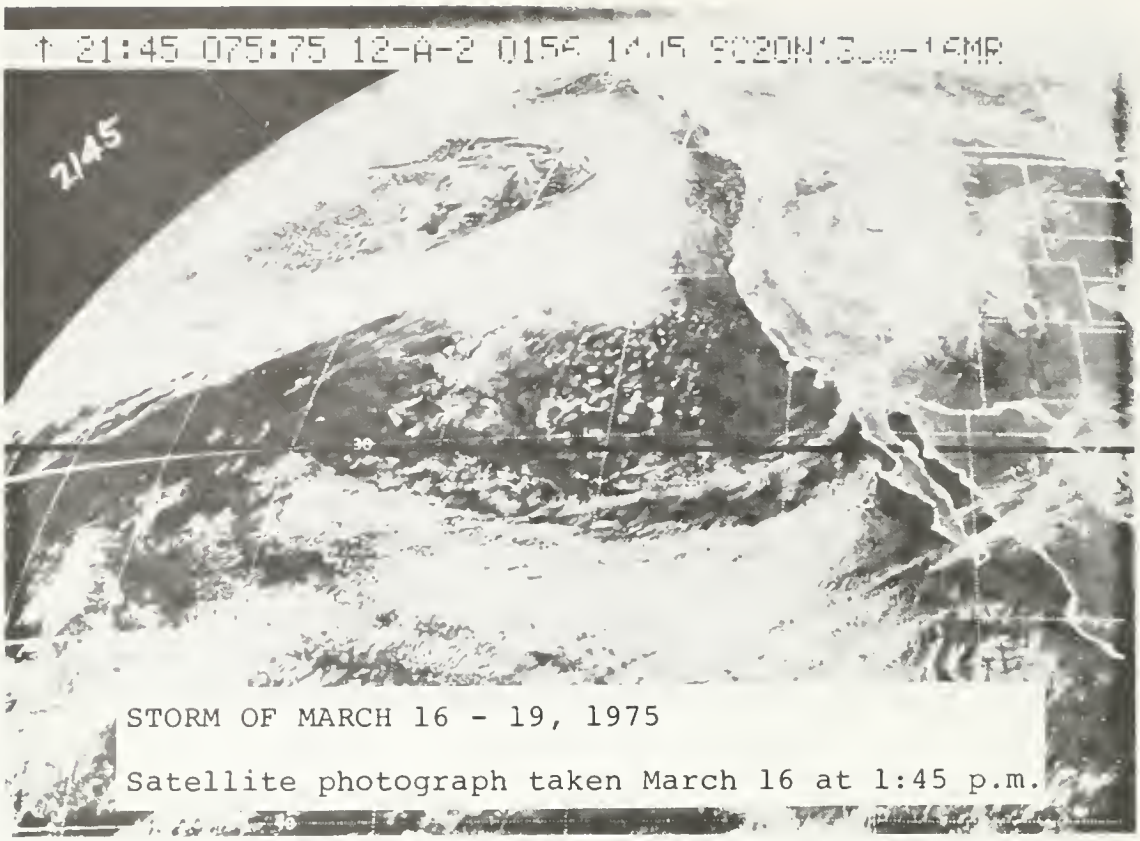
TABLE 2: PRECIPITATION AT SELECTED STATIONS
NORTH COASTAL HYDROGRAPHIC AREA

8 a.m. March 16 - 8 a.m. March 19, 1975

STATION	3-DAY TOTAL	
	Inches	(Millimetres)
Del Norte Coast Redwoods State Park	7.8	(200)
Jedediah Smith Redwoods State Park	6.7	(170)
Grizzly Creek Redwoods State Park	5.7	(140)
Humboldt Redwoods State Park	7.2	(180)
Standish-Hickey State Recreation Area	11.4	(290)
Richardson Grove State Park	8.2	(210)
Eureka National Weather Service Office	4.9	(120)
Ruth Reservoir	8.4	(210)
Gasquet Ranger Station	9.0	(230)

Along the north coast, this mid-March storm produced flood stages on the Smith River near Crescent City and at Dr. Fine Bridge (Highway 101) in Del Norte County, and on the Van Duzen River near Bridgeville and the Eel River at Fernbridge in Humboldt County. No major damage was reported in Del Norte County; however, damage to public and private property in Humboldt County was estimated to be nearly $1.8 million, the greater part of which occurred when slides and slipouts struck State highways and county roads. Again, as in February, more than 1,000 head of livestock and several families in the Eel River delta had to be evacuated. On March 18, Humboldt County declared a local state of emergency, but no State or federal aid was requested.

The Sacramento River was the only other major stream to reach flood stage during the mid-March storm. This took place at Tehama Bridge and the Vina-Woodson Bridge, both of which lie downstream from the City of Red Bluff. No significant damage was reported at either of those locations. The Sacramento River bypass system carried



STORM OF MARCH 16 - 19, 1975

Satellite photograph taken March 16 at 1:45 p.m.

ELK RIVER, MARCH 19, 1975

Flood water inundates ranches and threatens a mobile home park south of Eureka, Humboldt County.

flood flows through the Sacramento Valley to relieve the main channel. Overflow to the Sutter Bypass began again on March 8 and continued through April 1; overflow to Yolo Bypass resumed on March 20 and ended on March 31. Little Holland tract, near the south end of the Yolo Bypass, was once again inundated, after having been drained and repaired following the February flooding.

No substantial rises in any major streams occurred after the middle of March. Several weather systems subsequently brought occasional heavy showers to the State which prolonged the moderate to high river stages.

Post-April Activity

The lateness of the season's major precipitation also produced a late snowpack accumulation; this, in turn, threatened to bring early spring flooding from snowmelt runoff. Fortunately, the upstream reservoirs were able to control the runoff, and no major flooding occurred. On June 1 and 2, in Stanislaus County, the Stanislaus River reached flood warning stage at Orange Blossom Bridge as a result of snowmelt runoff and rainfall from thunderstorms in the upper basin. During these flows, one person lost his life while attempting to raft down a reach of the river above Melones Dam. On the lower reaches of the Stanislaus River, the high stage caused closure of a State park and evacuation of livestock from low-lying lands.

Sporadic thunderstorms during the summer months caused some minor flash floods and road closures in the southern desert areas of the State. On September 9, 1975, a motorist was drowned when a flash flood swept her automobile from State Route 14 in eastern Kern County.

These late-season occurrences closed out the 1974-75 water year which had produced slightly above-normal seasonal precipitation for the State without major flooding.

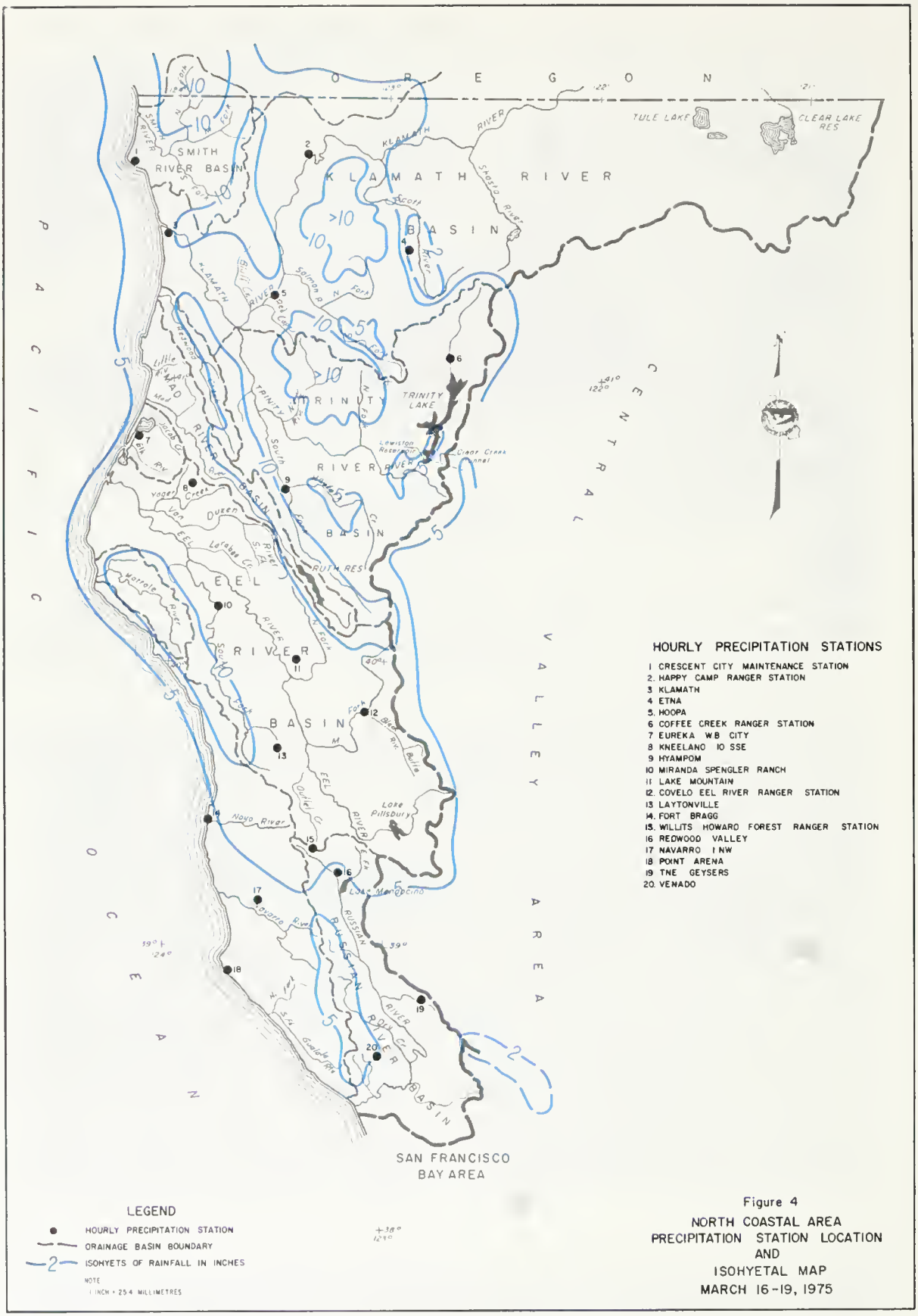


Figure 4
NORTH COASTAL AREA
PRECIPITATION STATION LOCATION
AND
ISOHYETAL MAP
MARCH 16-19, 1975

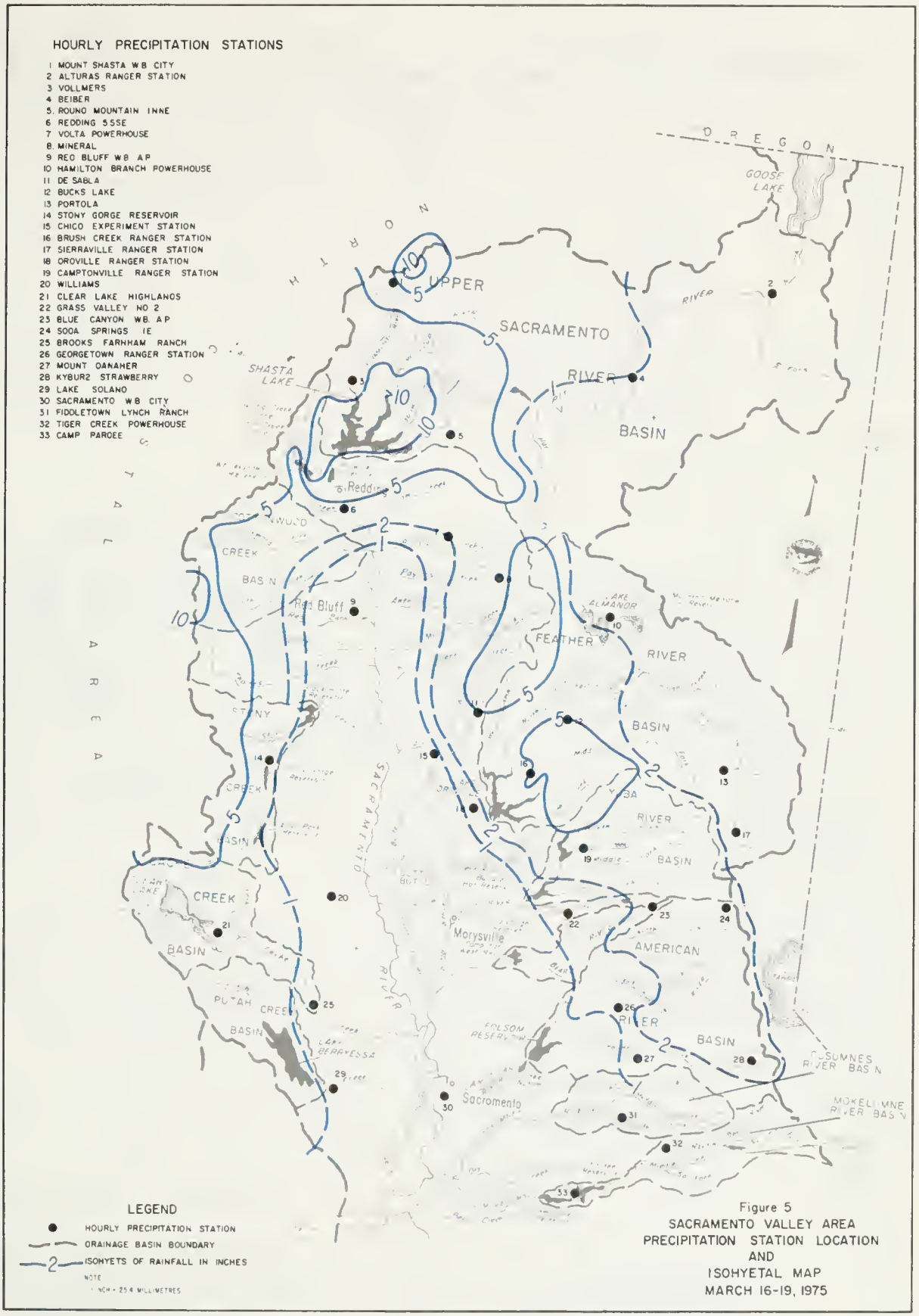


Figure 5
SACRAMENTO VALLEY AREA
PRECIPITATION STATION LOCATION
AND
ISOHYETAL MAP
MARCH 16-19, 1975

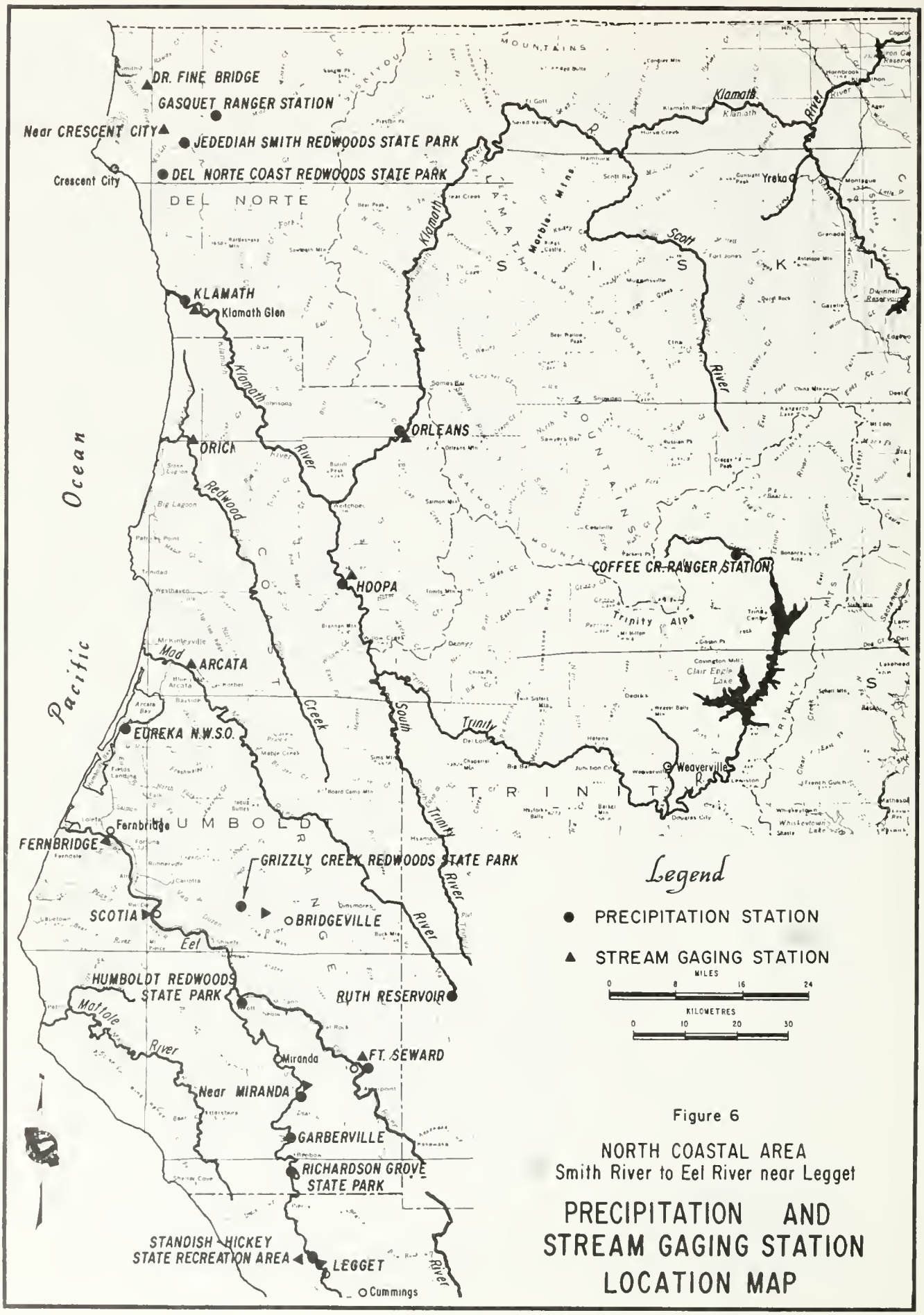
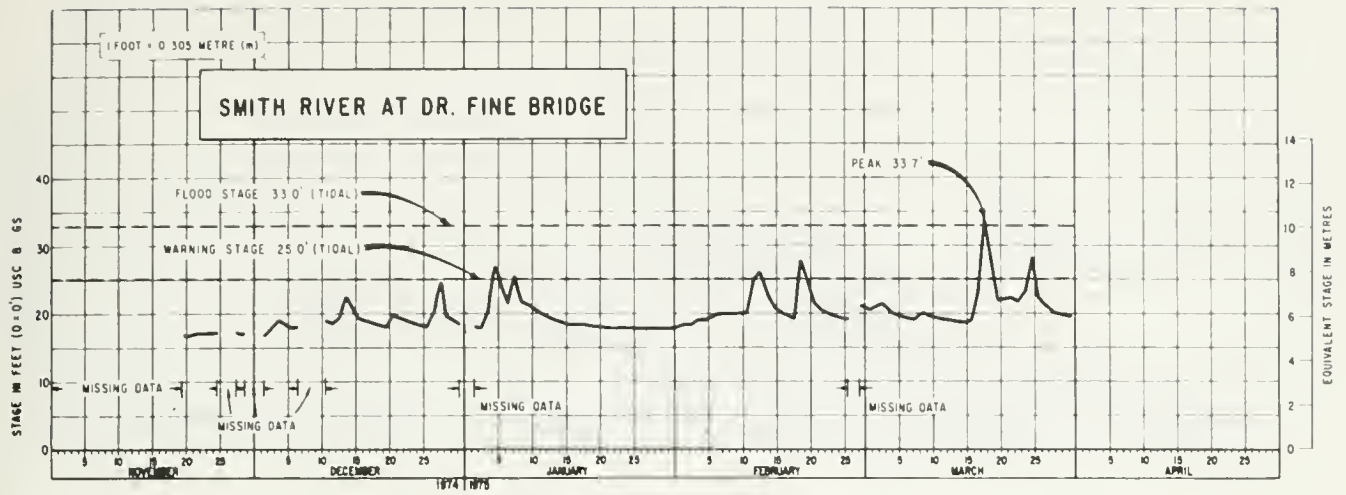


Figure 6

NORTH COASTAL AREA
Smith River to Eel River near Legget

PRECIPITATION AND STREAM GAGING STATION LOCATION MAP



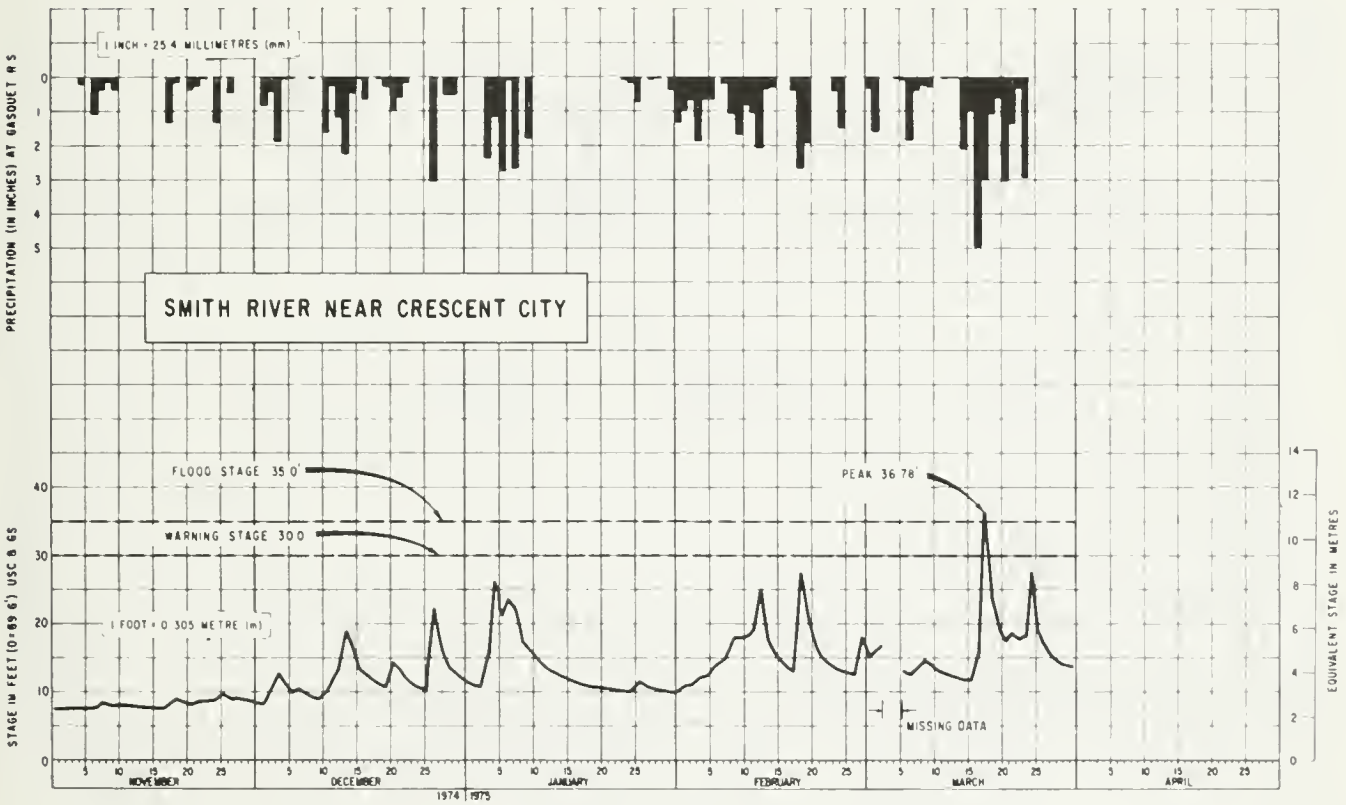


Figure 7. HYDROGRAPHS OF SMITH RIVER

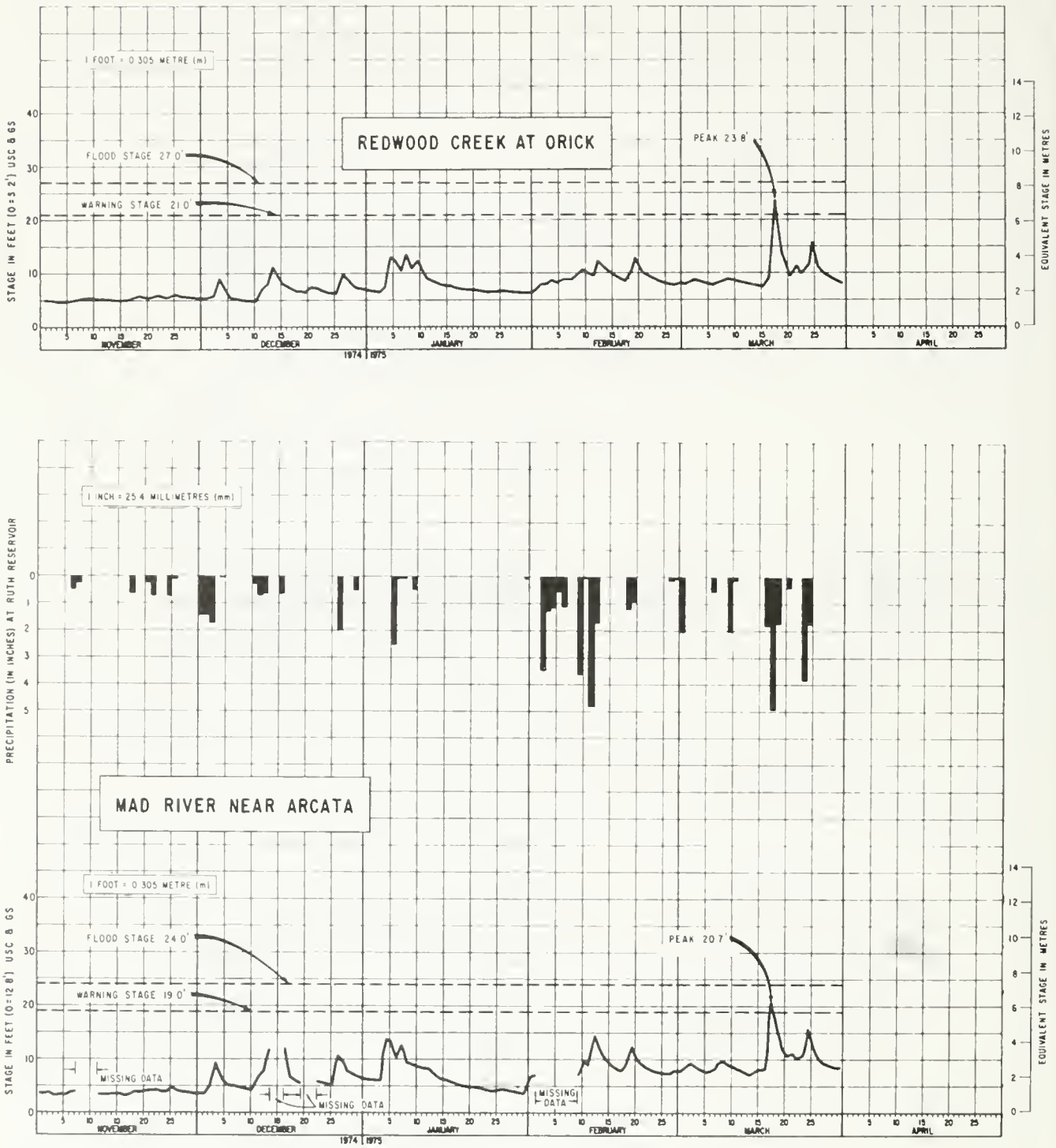


Figure 8. HYDROGRAPHS OF REDWOOD CREEK AND MAD RIVER

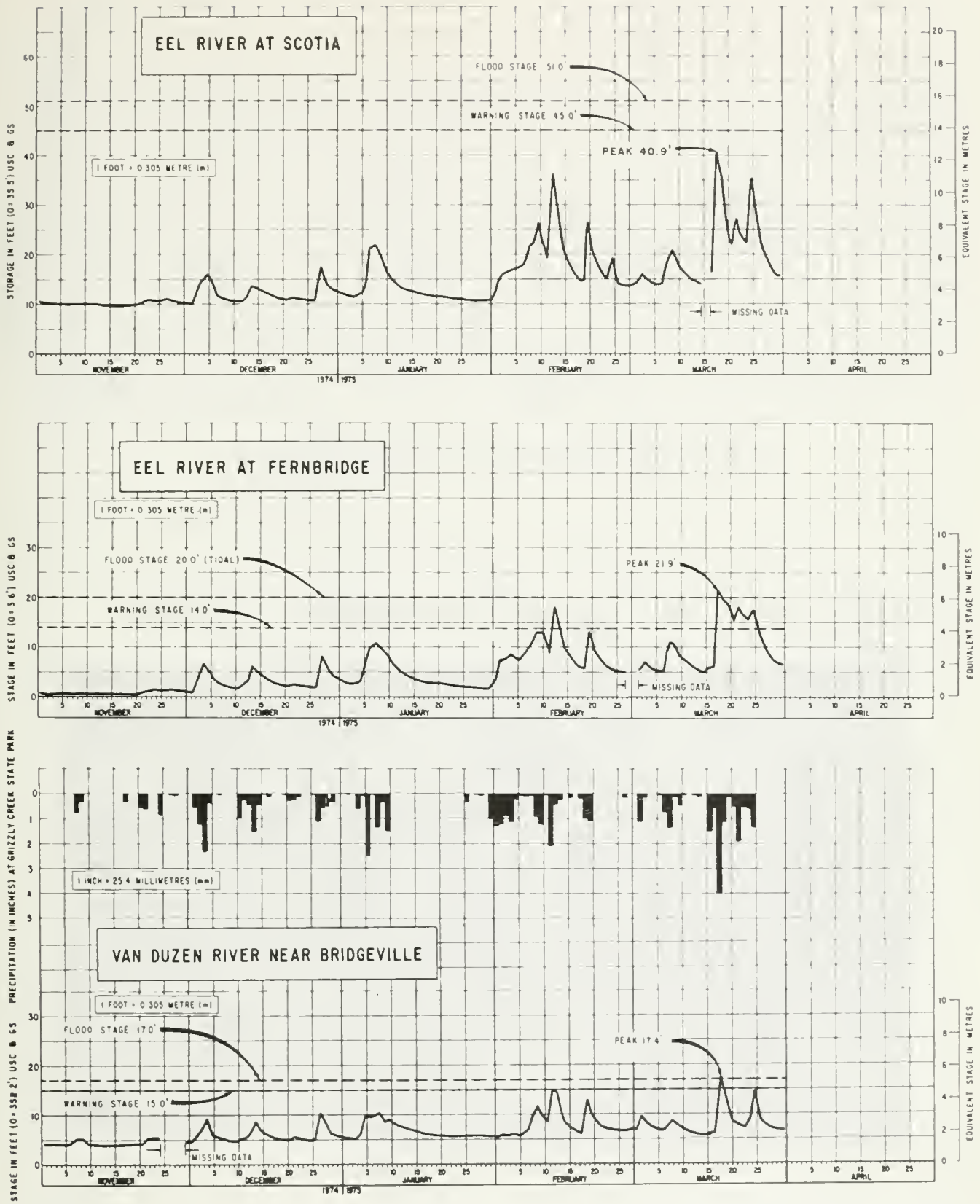


Figure 9. HYDROGRAPHS OF EEL AND VAN DUZEN RIVERS

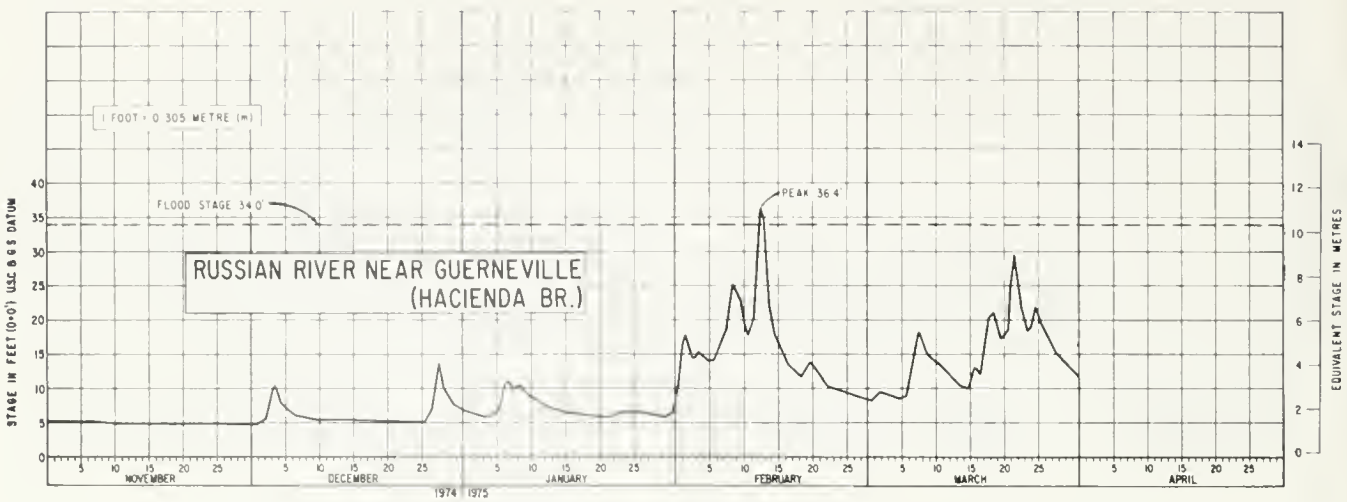


Figure 10. HYDROGRAPH OF RUSSIAN RIVER

Cloudbursts flood northern rivers

Flood tide at Guerneville is not unusual, as indicated by this happy couple negotiating a street in a rubber raft

—Examiner photo by Gordon Stone

RUSSIAN RIVER
February 13, 1975

Figure 11
SACRAMENTO VALLEY AREA
STREAM STATION LOCATION MAP

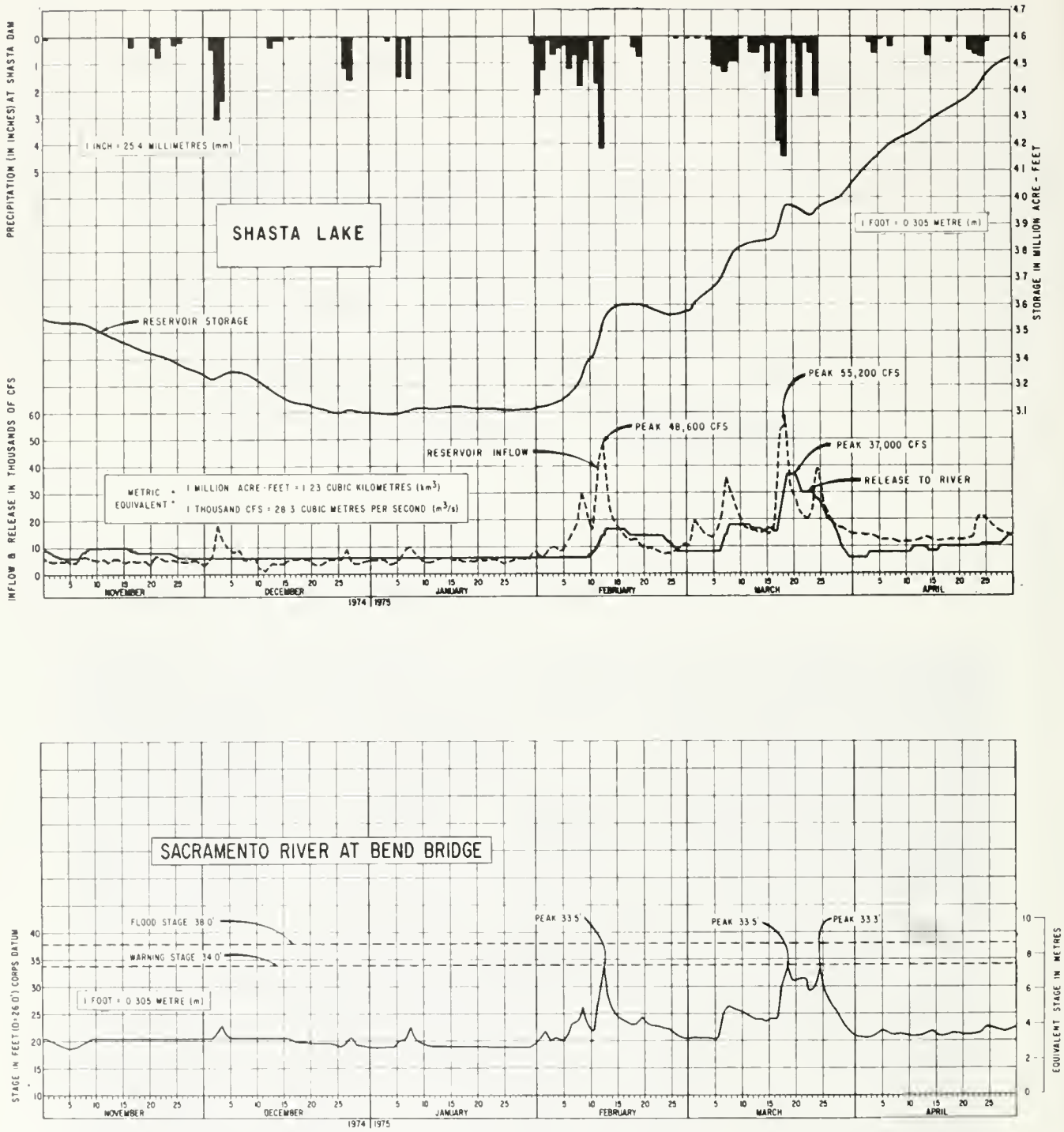
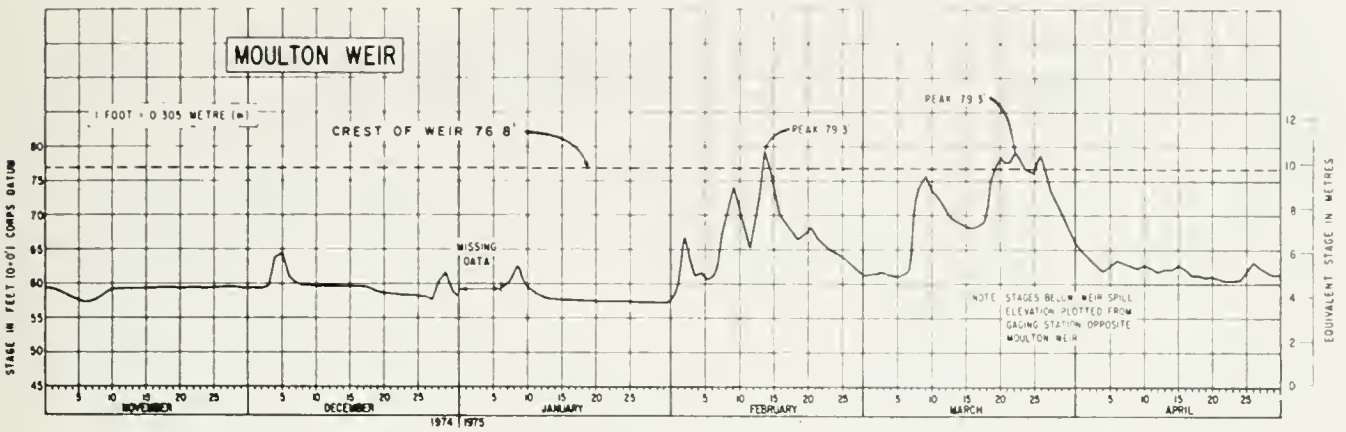
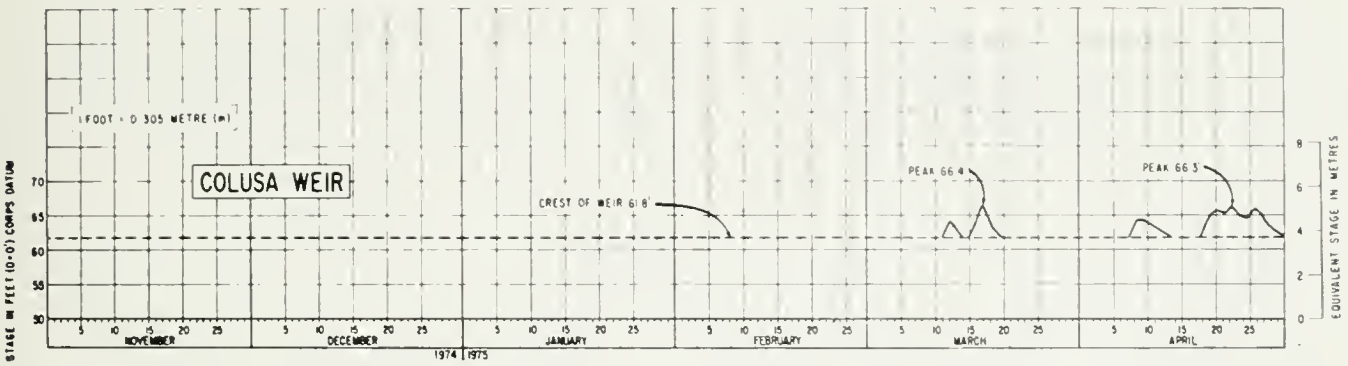


Figure 12. HYDROGRAPHS OF SHASTA LAKE AND SACRAMENTO RIVER





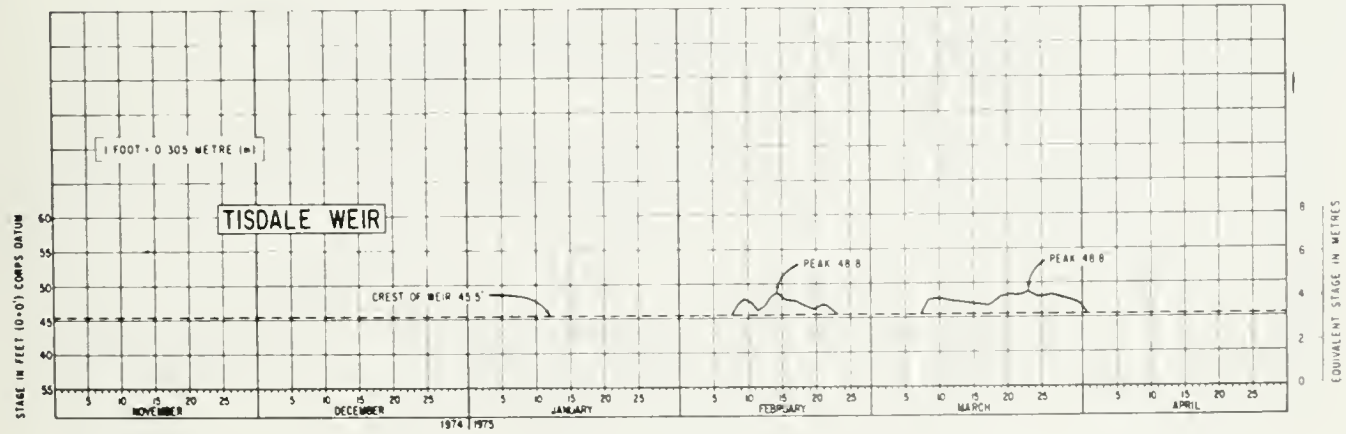


Figure 13. OVERFLOW TO BUTTE BASIN AND SUTTER BYPASS

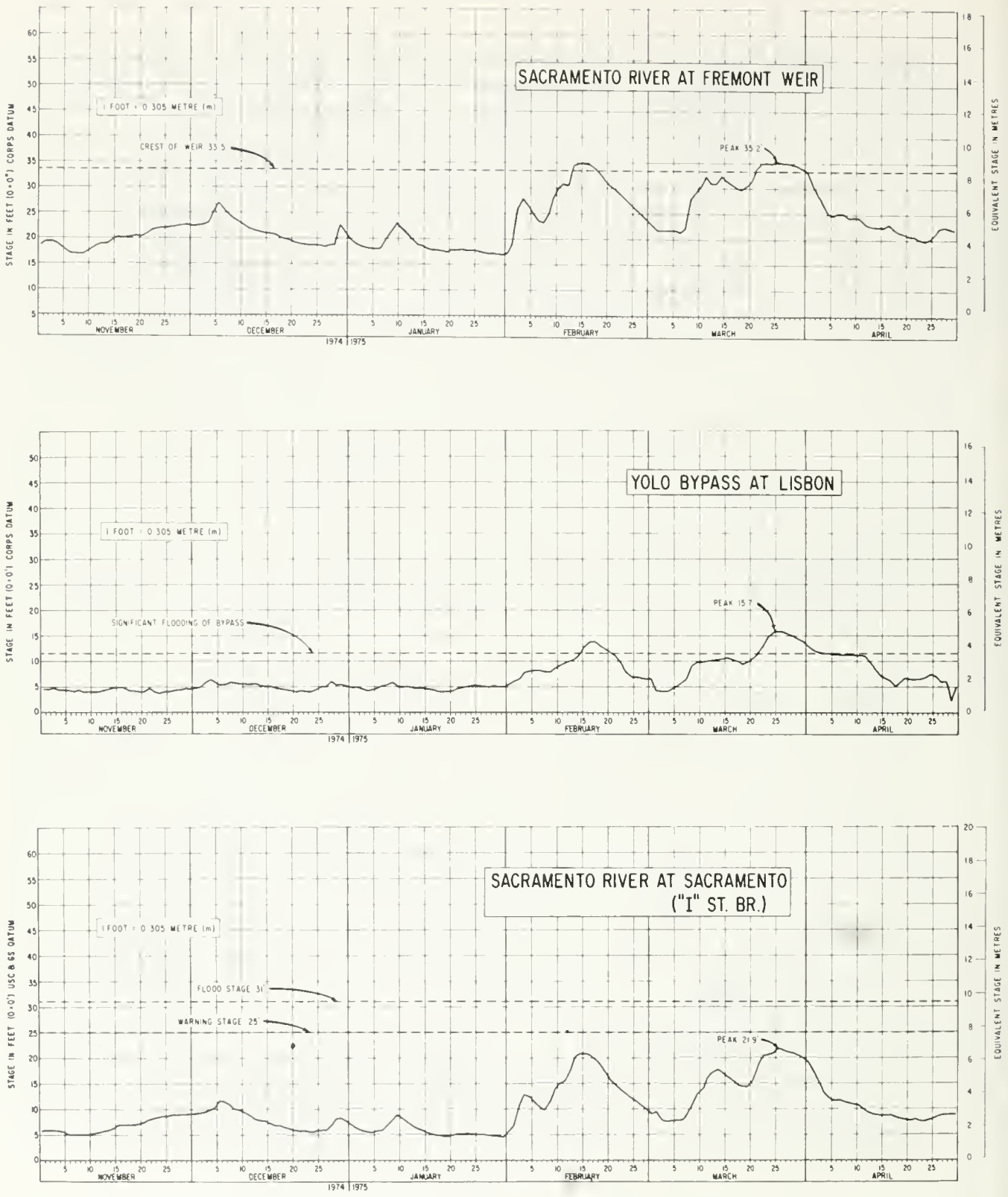
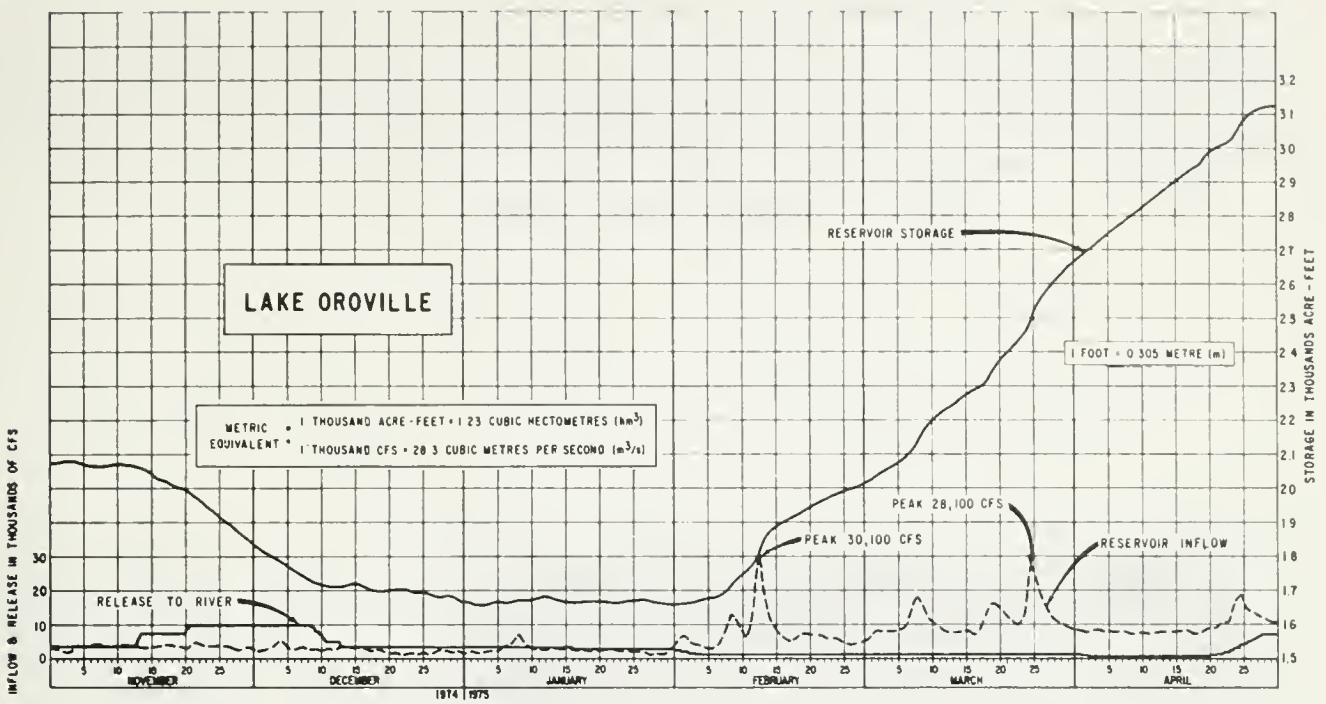


Figure 14. HYDROGRAPHS OF YOLO BYPASS AND SACRAMENTO RIVER



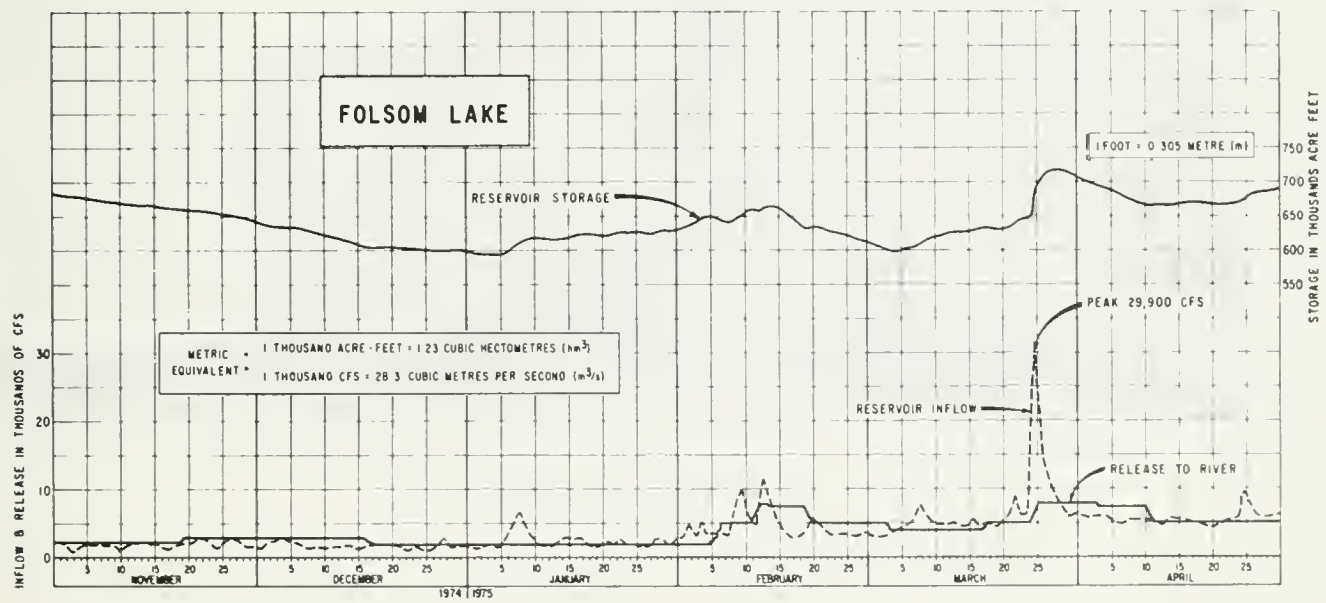


Figure 15. HYDROGRAPHS OF LAKE OROVILLE AND FOLSOM LAKE

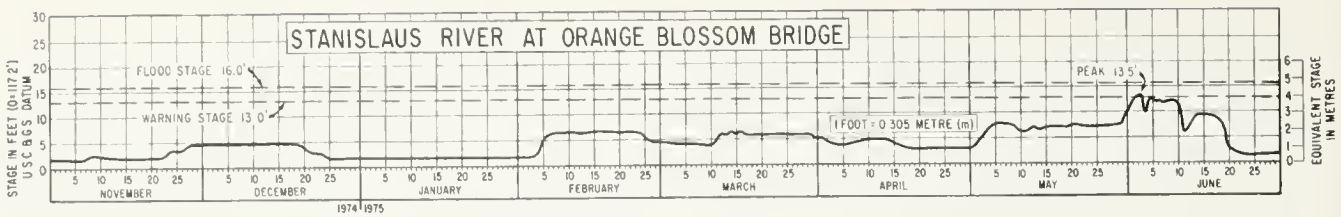
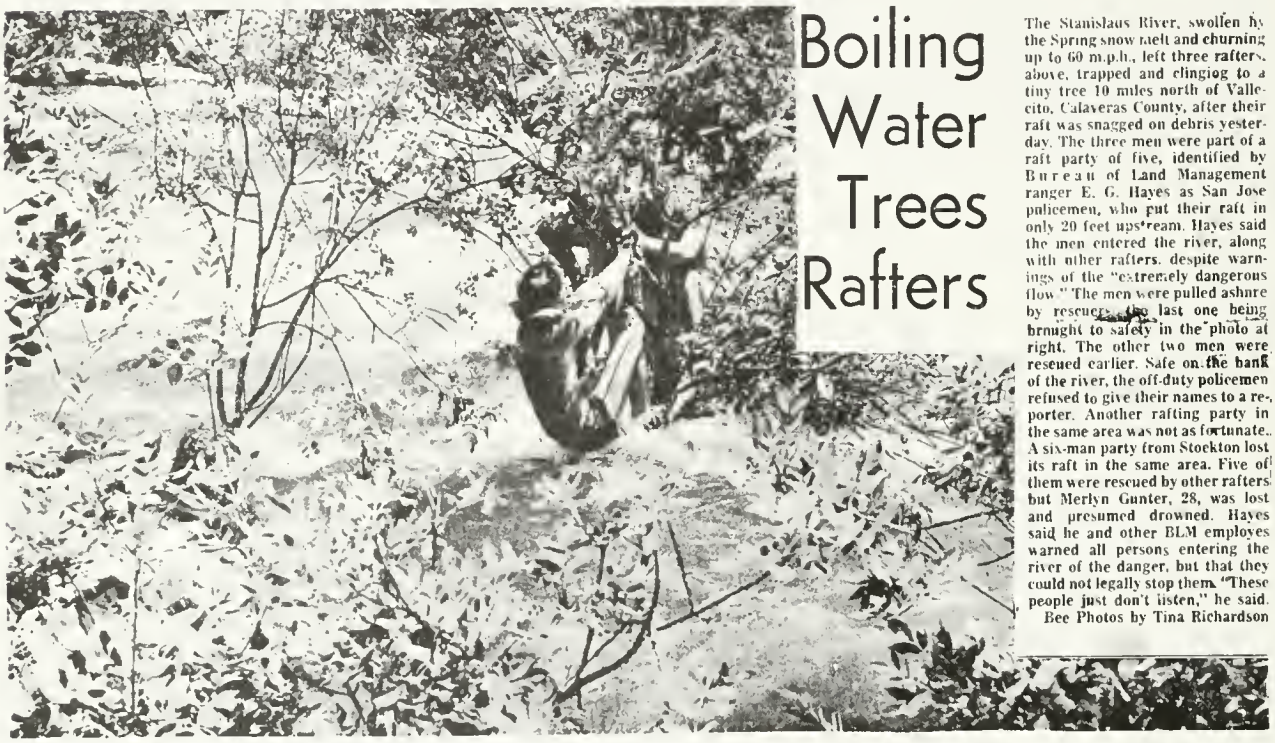


Figure 16. HYDROGRAPH OF STANISLAUS RIVER



Boiling Water Trees Rafters

The Stanislaus River, swollen by the Spring snow melt and churning up to 60 m.p.h., left three rafters, above, trapped and clinging to a tiny tree 10 miles north of Vallecito, Calaveras County, after their raft was snagged on debris yesterday. The three men were part of a raft party of five, identified by Bureau of Land Management ranger E. G. Hayes as San Jose policemen, who put their raft in only 20 feet upstream. Hayes said the men entered the river, along with other rafters, despite warnings of the "extremely dangerous flow." The men were pulled ashore by rescuers, the last one being brought to safety in the photo at right. The other two men were rescued earlier. Safe on the bank of the river, the off-duty policemen refused to give their names to a reporter. Another rafting party in the same area was not as fortunate. A six-man party from Stockton lost its raft in the same area. Five of them were rescued by other rafters but Merlyn Gunter, 28, was lost and presumed drowned. Hayes said he and other BLM employes warned all persons entering the river of the danger, but that they could not legally stop them. "These people just don't listen," he said.

Bee Photos by Tina Richardson

STANISLAUS RIVER
June 1, 1975

APPENDIX A

Sacramento River Crest
and
Weir Overflow Records

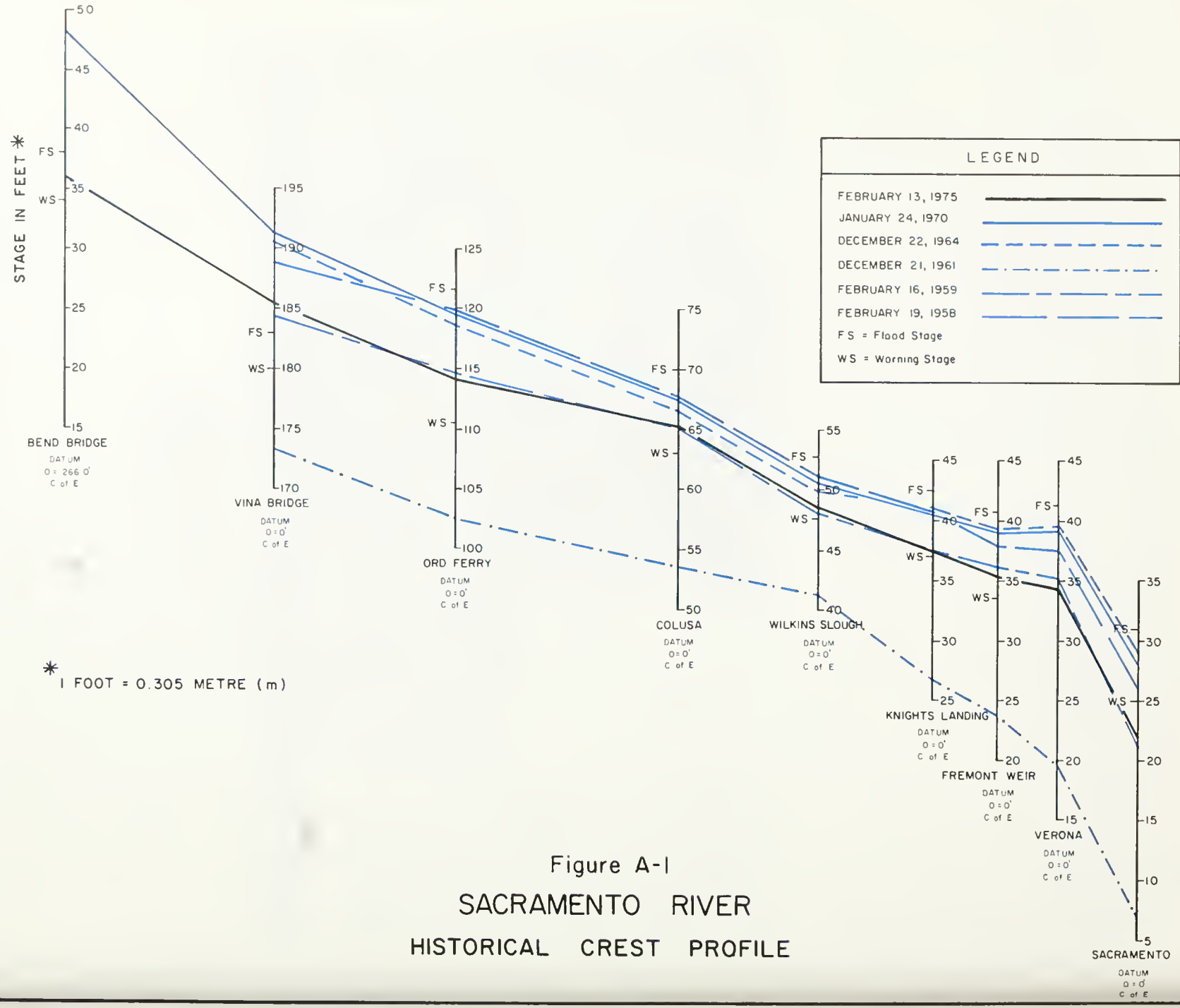
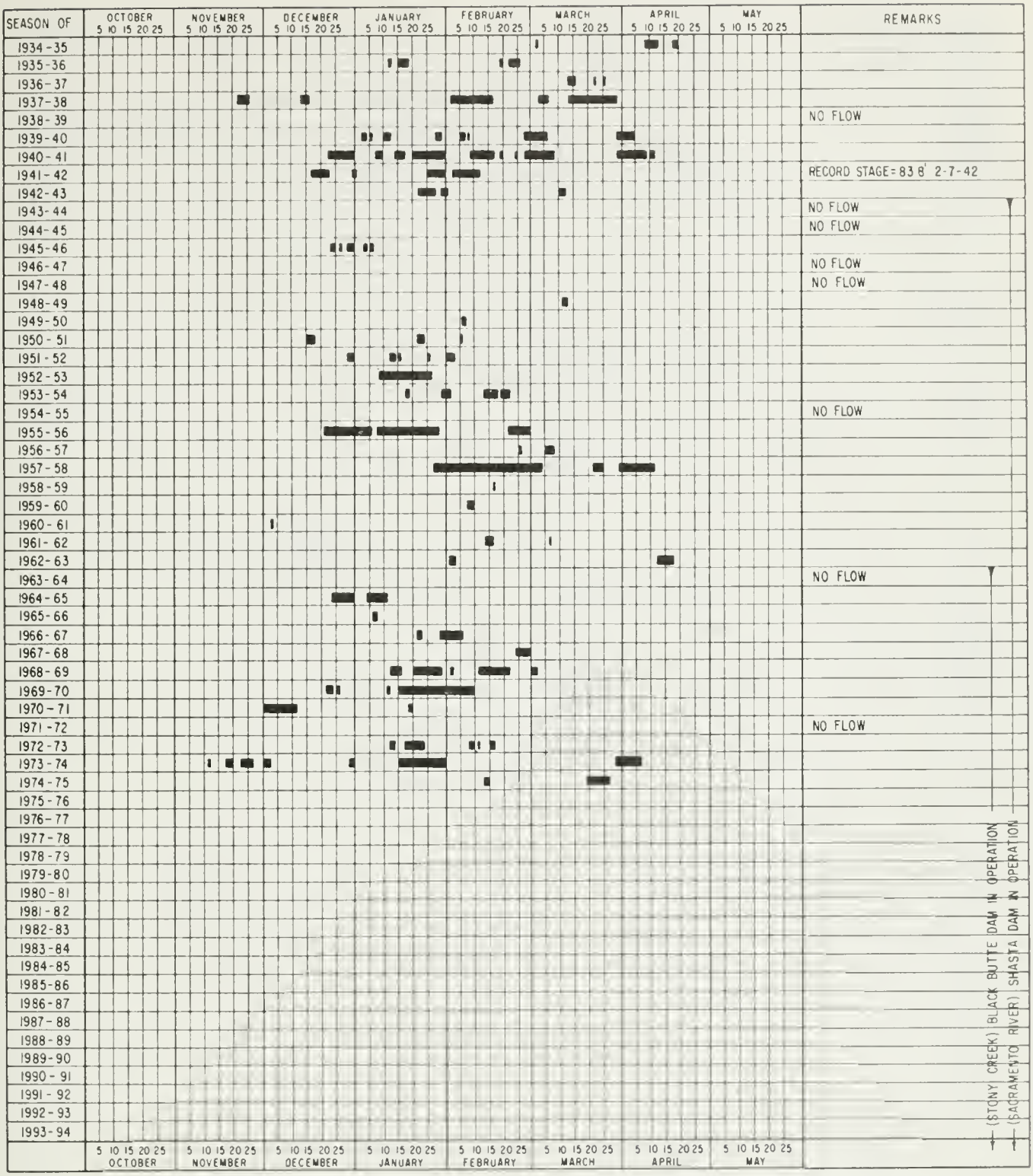


Figure A-1

SACRAMENTO RIVER

HISTORICAL CREST PROFILE

Figure A-2 PERIOD OF RECORD OF OVERFLOW OF THE MOULTON WEIR



NOTE:

Data compiled from records of D.W.R. stream gaging station "Sacramento River at Moulton Weir"

Datum: 0=0' U.S.E.D.

Period of record: 1935 to present

Crest elevation = 76.75 feet

Metric Equivalent

1 FOOT = 0.305 METRIC (m)

LEGEND

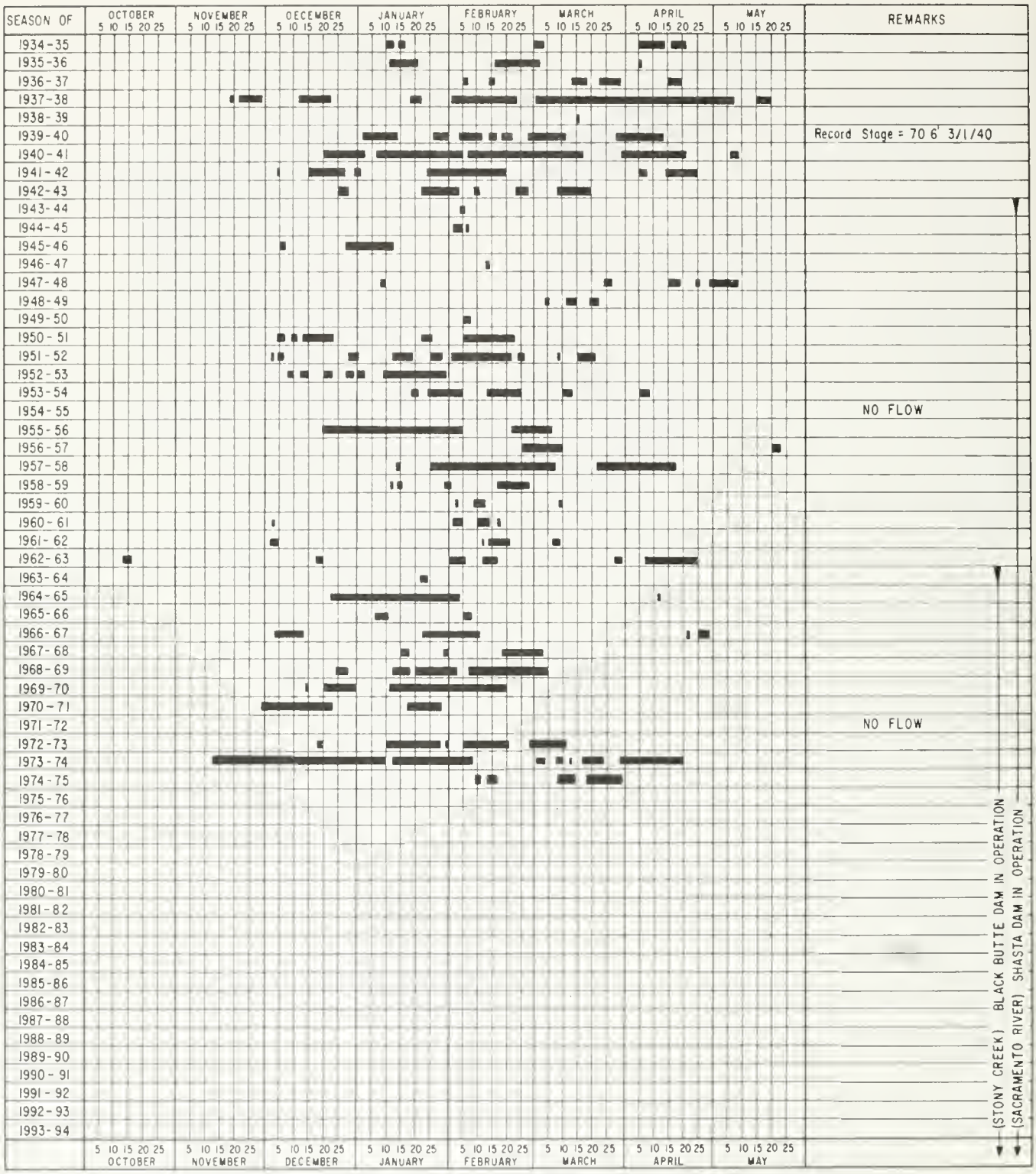
Designates periods of flow over weir

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

Figure A-3 PERIOD OF RECORD OF OVERFLOW OF THE COLUSA WEIR



NOTE

Data compiled from records of D W R stream gaging station Sacramento River at Colusa Weir

Datum 0 = 0' U S E D

Period of record 1935 to present

Crest elevation 61.80 feet

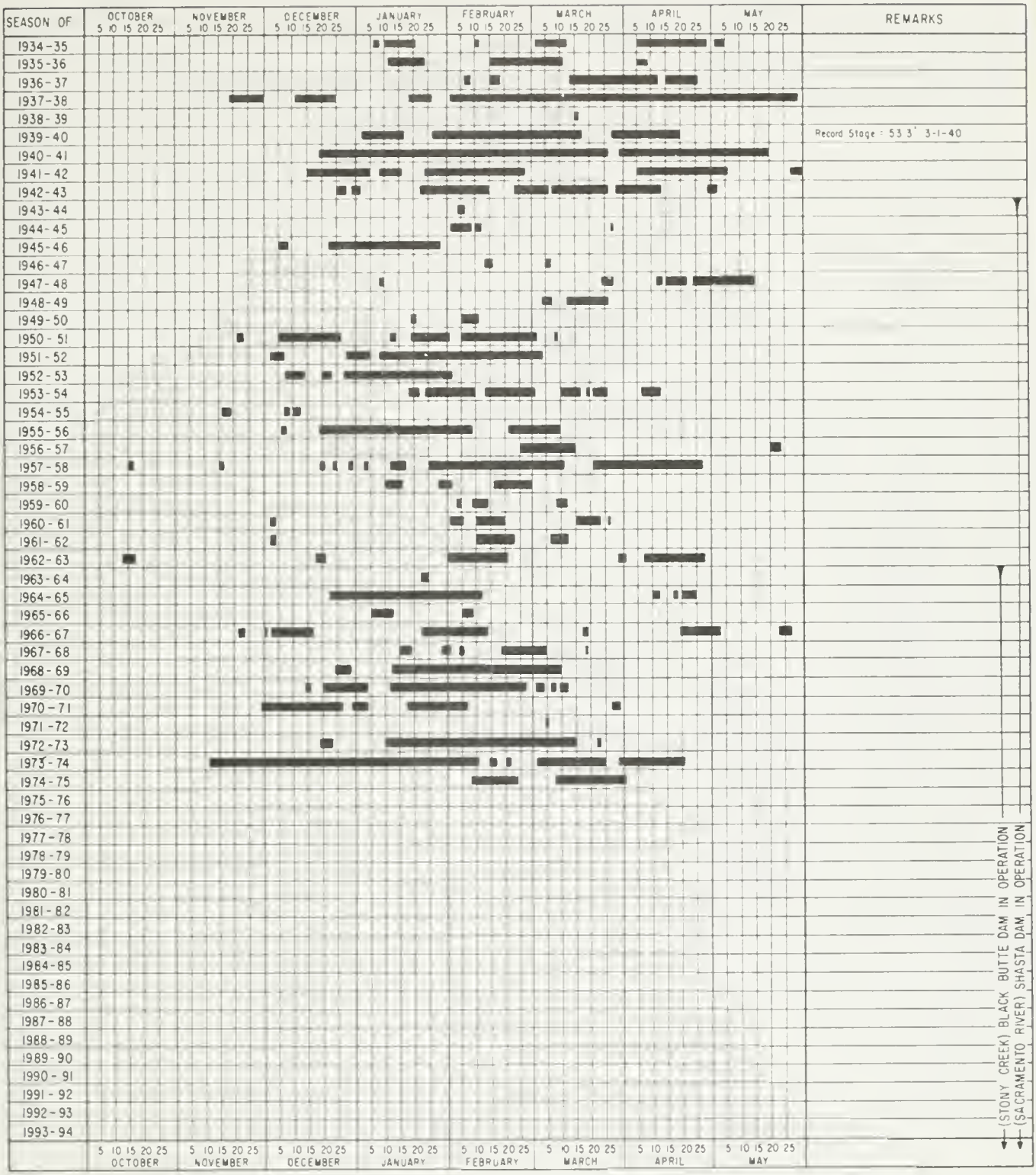
Metric Equivalent:
1 FOOT = 0.305 METRIC (m)

LEGEND

Designates periods of flow over weir

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

Figure A-4 PERIOD OF RECORD OF OVERFLOW OF THE TISDALE WEIR



NOTE:

Data compiled from records of D.W.R. stream gaging station "Sacramento River at Tisdale Weir"

Datum 0=0' USED

Period of record 1935 to present

Crest elevation = 45.45 feet

Metric Equivalent:

1 FOOT = 0.305 METRIC (m)

LEGEND

Designates periods of flow over weir

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

Figure A-5 PERIOD OF RECORD OVERFLOW OF THE FREMONT WEIR

NOTE:

Data compiled from records of D W R stream gaging station "Sacramento River at Freemont Weir, West End"

Datum: 0 = 0' U S E D

Period of record 1934 to present

Crest elevation = 33.50 feet

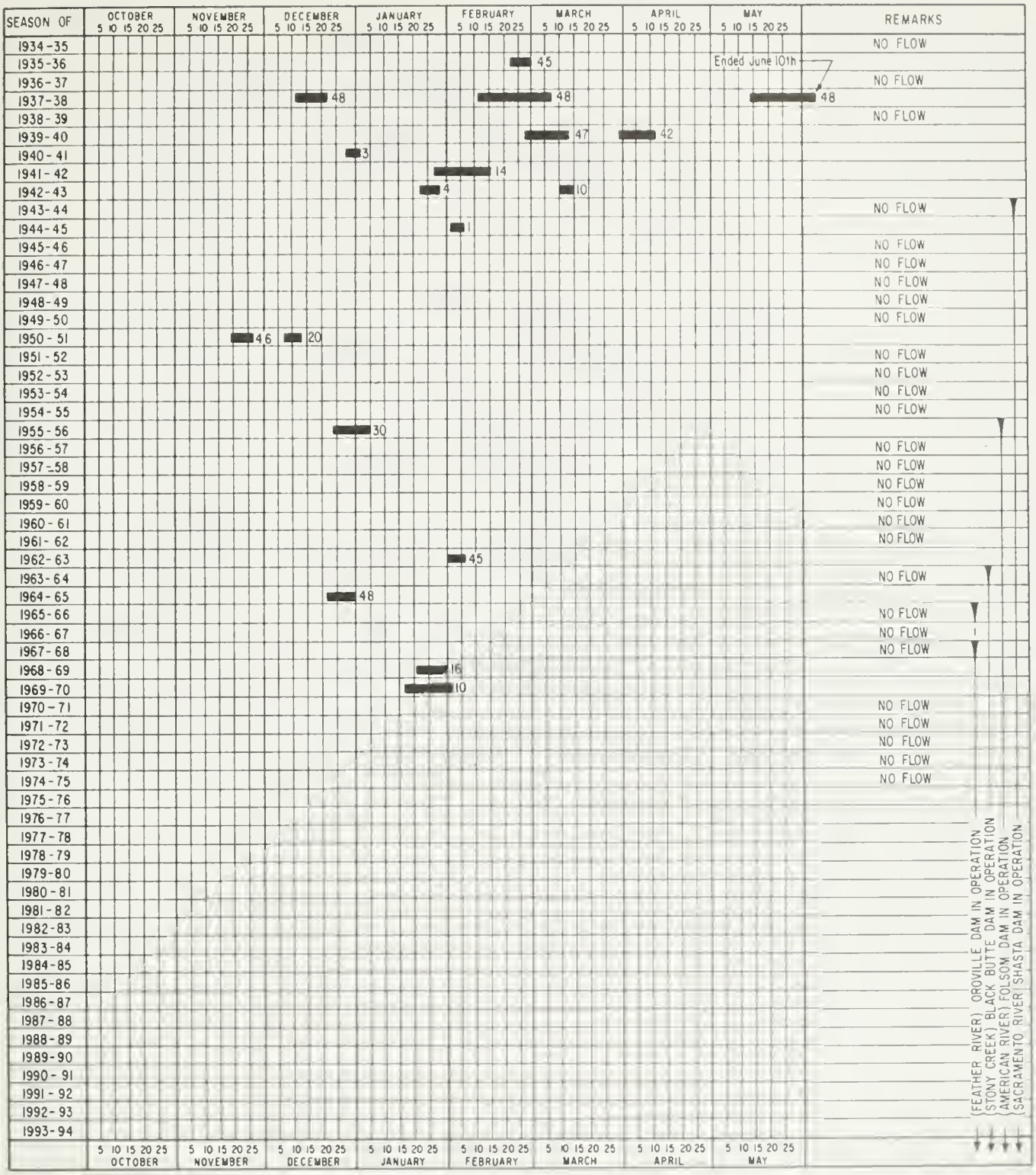
Metric Equivalent:
1 FOOT = 0.305 METRIC (m)

LEGEND

Designates periods of flow over weir

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

Figure A-6 PERIOD OF RECORD OF OVERFLOW OF THE SACRAMENTO WEIR



NOTE:

Data compiled from records of D.W.R. stream gaging station "Sacramento Weir Spill to Yolo Bypass, near Sacramento

Datum: 0=0' U.S.E.D.

Period of record 1926 to present

Crest elevation = 24.75 feet

Elevation of top of gates = 31.0 feet

Metric Equivalent:

1 FOOT = 0.305 METRIC (m)

LEGEND

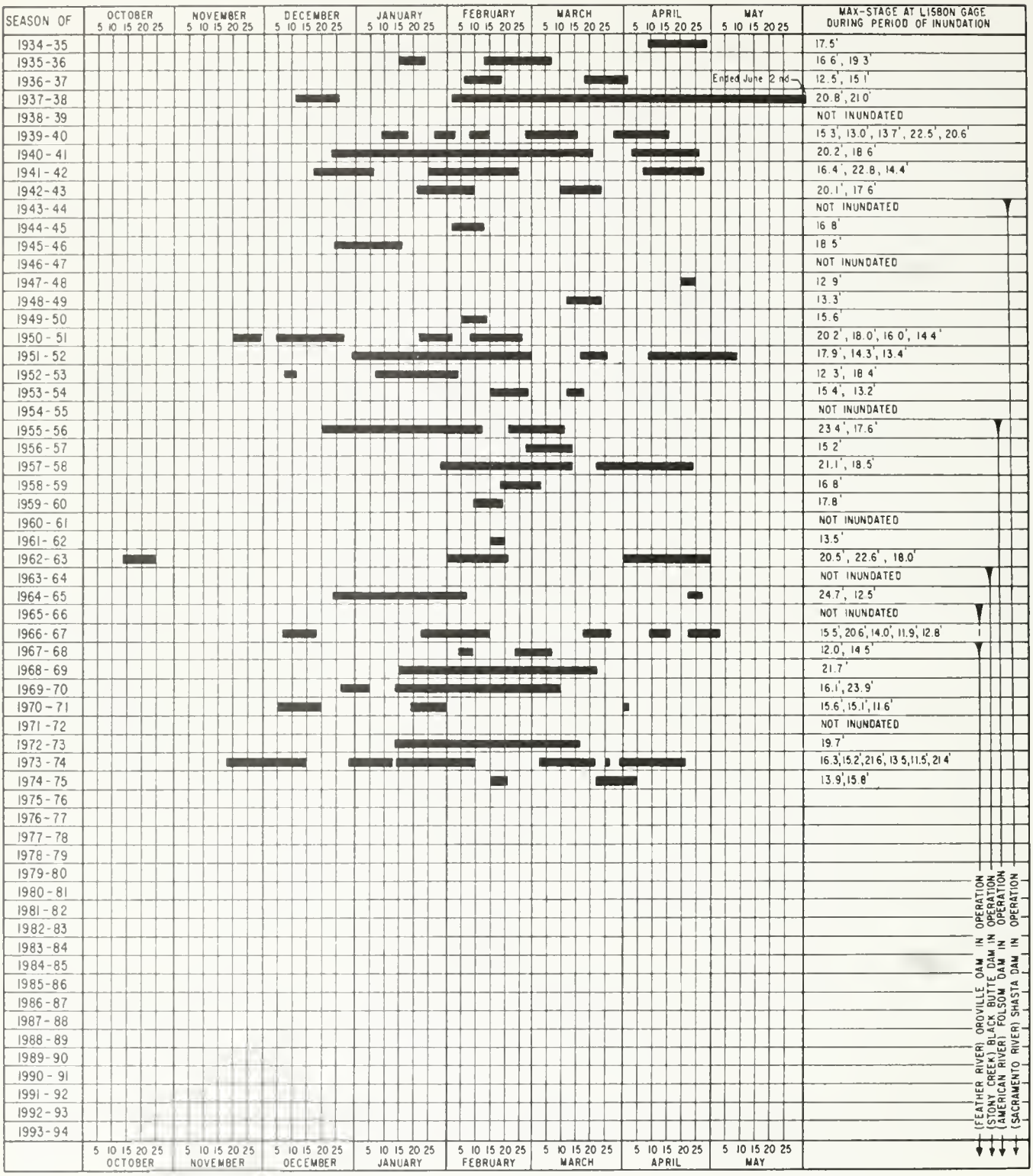
5 Designates periods of flow over weir and total number of gates opened

STATE OF CALIFORNIA

THE RESOURCES AGENCY

DEPARTMENT OF WATER RESOURCES

Figure A-7 PERIOD OF RECORD OF INUNDATION OF THE YOLO BYPASS



NOTE:

Data compiled from records of D.W.R. stream gaging station "Yolo Bypass near Lisbon."

Datum U.S.E.D. Datum

Period of Record 1914 to Present

Assumed overflow of Bypass at stage above 11.5' on the Lisbon gage

Metric Equivalent:
1 FOOT = 0.305 METRIC (m)

LEGEND

Designates period of inundation of Bypass

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

APPENDIX B

Peak Flows and Stages
at
Selected Streams and Stations in California

INTRODUCTION

Appendix B presents data for selected stations on representative streams of the major hydrographic areas of California (Figure 1). The data are obtained from USGS Surface Water Records, Department of Water Resources' Bulletin No. 130, and U. S. Department of Commerce, NOAA, National Weather Service, Daily River Stage publications. Current water year data are preliminary and are subject to revision.

Stations are listed in a downstream direction along the main stream and tributaries. Stations on tributaries are listed between main stream stations in the order in which the tributaries enter the main stream.

LEGEND

USGS	United States Geological Survey
USBR	United States Bureau of Reclamation
NOAA	National Weather Service (National Oceanic and Atmospheric Administration)
USCE	United States Corps of Engineers
DWR	Department of Water Resources
PG&E	Pacific Gas and Electric Company
A	From flood marks
B	Discharge over weir or spillway
C	Site or datum then in use
D	Discharge not determined, affected by backwater or tide
E	Estimated
F	From DWR telemetering log
G	Preliminary
H	Includes flow through power plant
I	Due to failure of partially completed dam
J	Gage height revised
K	Flow through power plant not included
L	Discharge at latitude of gaging station site
M	Prior to construction of upstream dam
N	Includes flow through fish hatchery but not upstream diversion to Thermalito Afterbay
P	Observed
Q	Estimated peak inflow to partially completed Oroville Reservoir
R	Regulated stage and flow
S	Revised to current datum
T	Datum of gage is 0=0 USED
U	Crest stage partial recorder
N/A	Not available at report time
*	Peak of record established current year

METRIC EQUIVALENTS

1 square mile	= 2.59 square kilometres (km^2)
1 cubic foot per second (cfs)	= 0.028 cubic metre per second (m^3/s)
1 foot	= 0.305 metre

STREAM AND STATION	DRAINAGE AREA IN SQ MILES	PERIOD OF RECORD	SOURCE OF RECORD	PREVIOUS MAXIMUM OF RECORD			1974-1975 WATER YEAR		
				DATE	STAGE IN FEET	DISCHARGE IN CFS	DATE	STAGE IN FEET	DISCHARGE IN CFS
NORTH COASTAL AREA									
SMITH RIVER BASIN									
SMITH RIVER NEAR CRESCENT CITY	609	1931-	USGS	12-22-64	48.5	228,000	3-18-75	36.78	129,000
KLAMATH RIVER BASIN									
SHASTA RIVER NEAR YREKA	793	1933-41 1944-	USGS	12-22-64 12-22-64	12.9 13.9(A)	21,500 - -	3-18-75	7.13	2,630
SCOTT RIVER NEAR FORT JONES	653	1941-	USGS	12-22-64	25.3(AC)	54,600	3-18-75	13.59	8,400
KLAMATH RIVER NEAR SEIAD VALLEY	6980	1912-25 1951-	USGS	12-23-64	33.8(A)	165,000	3-19-75	14.18	26,900
SALMON RIVER AT SOMESBAR	751	1911-15 1927-	USGS	12-22-64	46.6(A)	133,000	3-18-75	14.51	19,800
KLAMATH RIVER AT ORLEANS	8475	1927-	USGS	12-22-64	76.5(AC)	307,000	3-18-75	20.04	74,600
TRINITY RIVER ABOVE COFFEE CREEK NEAR TRINITY CENTER	149	1957-	USGS	12-22-64 12-22-64	12.3 13.4(A)	20,800 - -	3 -8-75	5.68	3,000
TRINITY RIVER AT LEWISTON	728	1911-	USGS	12-22-55	27.3(AC)	71,600	5-20-75	5.94	2,260
NORTH FORK TRINITY RIVER AT HELENA	151	1911-13 1957-	USGS-DWR	12-22-64	27.9(A)	35,800	3-25-75	11.57	2,550
TRINITY RIVER NEAR BURNT RANCH	1439	1931-40 1956-	USGS	12-22-55	43.2(A)	172,000	3-25-75	11.42	8,240
HAYFORK CREEK NEAR HYAMPOM	378	1953-	USGS	12-22-64	19.1	28,800	STATION DISCONTINUED		
WILLOW CREEK NEAR WILLOW CREEK	41	1959-	USGS	12-22-64	20.6(A)	17,000	STATION DISCONTINUED		
TRINITY RIVER AT HOOPA	2865	1911-14 1916-18 1931-	USGS	12-22-64	40.3(AC)	231,000	3-19-75	33.85	66,000
KLAMATH RIVER NEAR KLAMATH	12100	1910-26 1950-	USGS	12-23-64	55.3(A)	557,000	3-19-75	26.30	198,000
REDWOOD CREEK BASIN									
REDWOOD CREEK AT ORICK	278	1911-13 1953-	USGS	12-22-64	24.0(A)	50,500	3-18-75	23.82	50,200
LITTLE RIVER BASIN									
LITTLE RIVER NEAR TRINIDAD	44	1955-	USGS	1-22-72 1-17-53	14.08 15.7(A)	9,720 - -	3-17-75	14.19	9,630
MAD RIVER BASIN									
MAD RIVER NEAR FOREST GLEN	143	1953-	USGS	12-22-55	24.5(A)	39,200	3-18-75	11.57	10,500
MAD RIVER NEAR ARCATA	485	1910-13 1950-	USGS	12-22-55	29.8	77,800	3-18-75	20.70	43,300
EEL RIVER BASIN									
EEL RIVER BELOW SCOTT DAM NEAR POTTER VALLEY	290	1922-	USGS	12-22-64	24.2(A)	56,300	2-13-75	13.91	13,700
EEL RIVER AT VAN ARSDALE DAM NEAR POTTER VALLEY	349	1909-	USGS	12-22-64	33.9(A)	64,100	2-13-75	13.49	18,900
OUTLET CREEK NEAR LONGVALE	161	1956-	USGS	12-22-64	30.6(A)	77,900	3-18-75	14.10	13,500
BLACK BUTTE RIVER NEAR COVELO	162	1951-	USGS	12-22-64 12-11-37	26.4(A) 36.2(AC)	29,000 - -	3-19-75	17.09	5,000
NORTH FORK EEL RIVER NEAR MINA	248	1953-	USGS	12-22-64	33.6(A)	133,000	3-18-75	17.54	22,900

STREAM AND STATION	DRAINAGE AREA IN SQ MILES	PERIOD OF RECORD	SOURCE OF RECORD	PREVIOUS MAXIMUM OF RECORD: DATE	STAGE IN FEET	DISCHARGE IN CFS	1974-1975 WATER YEAR: DATE	STAGE IN FEET	DISCHARGE IN CFS
NORTH COASTAL AREA (CONTINUED)									
EEL RIVER BASIN (CONTINUED)									
EEL RIVER AT FORT SEWARD	2107	1955-	USGS	12-22-64	67.2(AC)	561,000	3-18-75	36.47	110,000
TENMILE CREEK NEAR LAYTONVILLE	50	1957-	USGS	12-22-55	22.9(A)	16,300	STATION DISCONTINUED		
SOUTH FORK EEL RIVER NEAR MIRANDA	537	1939-	USGS	12-22-64	46.0(A)	199,000	3-18-75	29.84	88,000
BULL CREEK NEAR WEOTT	28	1960-	USGS	12-22-64	20.6(AC)	6,520	3-18-75	10.17	3,400
EEL RIVER AT SCOTIA	3113	1910-	USGS	12-23-64	72.0(A)	752,000	3-18-75	40.97	231,000
VAN DUZEN RIVER NEAR BRIDGEVILLE	222	1950-	USGS	12-22-64	24.0(A)	48,700	3-18-75	17.75	26,200
MATTOLE RIVER BASIN									
MATTOLE RIVER NEAR PETROLIA	240	1911-13 1915-	USGS	12-22-55	29.6(C)	90,400	3-18-75	24.73	66,500
NOYO RIVER BASIN									
NOYO RIVER NEAR FORT BRAGG	106	1951-	USGS	12-22-64	26.3	24,000	3-18-75	16.70	7,350
NAVARRO RIVER BASIN									
NAVARRO RIVER NEAR NAVARRO	303	1950-	USGS	12-22-55	40.6(C)	64,500	3-21-75	23.45	20,700
RUSSIAN RIVER BASIN									
RUSSIAN RIVER NEAR UKIAH	100	1911-13 1952-	USGS	12-21-55	21.0	18,900	3-21-75	18.36	8,690
EAST FORK RUSSIAN RIVER NEAR CALPELLA	92	1941-	USGS	12-22-64	20.2	18,700	3-21-75	17.49	8,050
RUSSIAN RIVER NEAR HOPLAND	362	1939-	USGS	12-22-55 12- -37	27.0 30.0(A)	45,000 - -	3-21-75	17.69	16,600
RUSSIAN RIVER NEAR CLOVERDALE	503	1951-	USGS	12-22-64	31.6(C)	55,200	3-21-75	16.40	18,500
RUSSIAN RIVER NEAR HEALDSBURG	793	1939-	USGS	12-23-64 12- -37	27.0 30.8(A)	71,300 - -	3-21-75	14.55	25,400
DRY CREEK NEAR CLOVERDALE	88	1941-	USGS	12-22-64	18.1	18,100	2-12-75	11.35	7,760
DRY CREEK NEAR GEYSERVILLE	162	1959-	USGS	1-31-63	17.5	32,400	2-12-75	12.63	14,600
RUSSIAN RIVER NEAR GUERNEVILLE (SUMMERHOME)	1340	1939-	USGS	12-23-64 12-23-55	49.6(A) 49.7(A)	93,400 - -	2-13-75	37.97	67,300
SAN FRANCISCO BAY AREA									
WALKER CREEK BASIN									
WALKER CREEK NEAR TOMALES	37	1959-	USGS	1-16-73	22.9	6,600	3-21-75	18.49	3,220
CORTE MADERA CREEK BASIN									
CORTE MADERA CREEK AT ROSS	18	1951-	USGS	12-22-55	17.5	3,620	3-21-75	15.97	2,640
NOVATO CREEK BASIN									
NOVATO CREEK NEAR NOVATO	18	1946-	USGS	1-14-70	11.0	2,000	3-21-75	7.45	850

STREAM AND STATION	DRAINAGE AREA IN SQ MILES	PERIOD OF RECORD	SOURCE OF RECORD	PREVIOUS MAXIMUM OF RECORD DATE	PREVIOUS MAXIMUM OF RECORD STAGE IN FEET	PREVIOUS MAXIMUM OF RECORD DISCHARGE IN CFS	1974-1975 WATER YEAR DATE	1974-1975 WATER YEAR STAGE IN FEET	1974-1975 WATER YEAR DISCHARGE IN CFS
SAN FRANCISCO BAY AREA (CONTINUED)									
SONOMA CREEK BASIN									
SONOMA CREEK AT AGUA CALIENTE	58	1955-	USGS	12-22-55	17.11(C)	8,680	3-21-75	13.42	6,910
NAPA RIVER BASIN									
NAPA RIVER NEAR ST. HELENA	81	1929-32 1939-	USGS	12-22-55	16.2	12,600	3-21-75	13.10	8,530
NAPA RIVER NEAR NAPA	218	1929-32 1959-	USGS	1-31-63	27.6	16,900	3-22-75	10.94	10,600
PACHECO CREEK BASIN									
SAN RAMON CREEK AT SAN RAMON	6	1952-	USGS	10-13-62	17.0	1,600	3-21-75	7.17	690
SAN LORENZO CREEK BASIN									
SAN LORENZO CREEK AT HAYWARD	38	1939-40 1946-	USGS	10-13-62 12-22-55	19.7(A) 20.8(A)	7,460 - -	3-21-75	12.39	2,460
ALAMEDA CREEK BASIN									
ARROYO MOCHO NEAR PLEASANTON	141	1962-	USGS	2- 1-63 1-18-73	8.60(C) 12.4	1,760 1,700	3-21-75	10.53	680
ARROYO VALLE NEAR LIVERMORE	147	1912-30 1957-	USGS	12-23-55	13.9(A)	10,200	3-25-75	3.97	380
ARROYO VALLE AT PLEASANTON	171	1957-	USGS	4- 3-58	25.4	11,300	3-25-75	9.62	590
ALAMEDA CREEK NEAR NILES	633	1891-	USGS	12-23-55	14.9	29,000	3-22-75	7.41	4,110
PATTERSON CREEK AT UNION CITY	--	1958-	USGS	2- 1-63	20.4(A)	10,500	3-22-75	13.53	4,300
COYOTE CREEK BASIN									
COYOTE CREEK NEAR MADRONE	196	1902-12 1916-	USGS	3- 7-11	- -	25,000	4 -5-75	2.69	200
UPPER PENITENCIA CREEK AT SAN JOSE	22	1961-	USGS	1-21-67	6.2	15,000	3-21-75	4.77	350
GUADALUPE RIVER BASIN									
GUADALUPE RIVER AT SAN JOSE	144	1929-	USGS	4- 2-58	16.6	9,150	3 -7-75	5.56	2,280
SARATOGA CREEK AT SARATOGA	9	1933-	USGS	12-22-55	6.4(C)	2,730	3 -7-75	4.61	400
MATADERO CREEK BASIN									
MATADERO CREEK AT PALO ALTO	7	1952-		2-27-73	5.5	1,100	3-21-75	2.61	270
SAN FRANCISQUITO CREEK BASIN									
SAN FRANCISQUITO CREEK AT STANFORD UNIVERSITY	38	1930-41 1950-	USGS	12-22-55	13.6	5,560	3-21-75	6.25	2,190

STREAM AND STATION	DRAINAGE AREA IN SQ MILES	PERIOD OF RECORD	SOURCE OF RECORD	PREVIOUS MAXIMUM OF RECORD: DATE	PREVIOUS MAXIMUM OF RECORD: STAGE IN FEET	PREVIOUS MAXIMUM OF RECORD: DISCHARGE IN CFS	1974-1975 WATER YEAR: DATE	1974-1975 WATER YEAR: STAGE IN FEET	1974-1975 WATER YEAR: DISCHARGE IN CFS
CENTRAL COASTAL AREA									
REDWOOD CREEK BASIN									
REDWOOD CREEK AT REDWOOD CITY	2	1959-	USGS	1-31-63	9.4	644	3-21-75	5.70	360
PESCADERO CREEK BASIN									
PESCADERO CREEK NEAR PESCADERO	46	1951-	USGS	12-23-55	21.3	9,420	3-22-75	8.55	1,760
SAN LORENZO RIVER BASIN									
SAN LORENZO RIVER AT BIG TREES	111	1936-	USGS	12-23-55	22.6	30,400	3-21-75	13.05	5,040
SOQUEL CREEK BASIN									
SOQUEL CREEK AT SOQUEL	40	1951-	USGS	12-23-55	22.3	15,800	3-21-75	7.82	1,960
PAJARO RIVER BASIN									
BOOFISH CREEK NEAR GILROY	7	1959-	USGS	1-31-63	8.3	1,240	3-21-75	4.68	160
TRES PINOS CREEK NEAR TRES PINOS	206	1939-	USGS	4- 4-41	7.8	8,060	3 -7-75	9.28	4,750(E)
SAN BENITO RIVER NEAR HOLLISTER	586	1949-	USGS	4- 3-58	16.3	11,600	3 -8-75	13.42	6,220(E)
PAJARO RIVER AT CHITTENDEN	1186	1939-	USGS	12-24-55 4- 3-58	32.5 33.1	24,000	3 -8-75	8.84	2,230
CURRALITOS CREEK AT FREEDOM	28	1956-	USGS	12-22-55	15.6(A)	3,620	2-13-75	5.90	520
SALINAS RIVER BASIN									
SALINAS RIVER NEAR POZO	70	1942-	USGS	1-25-69 1-25-69	13.9(C) 15.5(A)	18,600	2-10-75	12.45	450
SALINAS RIVER ABOVE PILITAS CREEK NEAR SANTA MARGARITA	114	1942-	USGS	1-25-69	14.9	16,600	10-18-74	0.97(E)	20
JACK CREEK NEAR TEMPLETON	25	1949-	USGS	2-24-69	11.3	8,160	3 -7-75	7.14	2,040
ESTRELLA RIVER NEAR ESTRELLA	922	1954-	USGS	2-24-69	10.4(A)	32,500	3-10-75	1.56(E)	10
NACIMIENTO RIVER BELOW SAPOUE CREEK NEAR BRYSON	156	1971-	USGS	1-16-73	23.0	24,000	STATION DISCONTINUED		
SALINAS RIVER NEAR BRADLEY	2535	1948-	USGS	2-24-69	20.3(A)	117,000	2-10-75	10.40	7,000
ARROYO SECO NEAR SOLEDAD	244	1901-	USGS	4- 3-58	16.4	28,300	2 -2-75	13.71	17,230(E)
SALINAS RIVER NEAR SPRECKELS	4156	1900-01 1929-	USGS	2-26-69 1-16-52	26.5(C) 26.9(AC)	83,100 - -	2 -2-75	11.68	7,600(E)
CARMEL RIVER BASIN									
CARMEL RIVER AT ROBLES DEL RIO	193	1957-	USGS	4- 2-58 12-23-55	10.5 11.7(A)	7,100 6,930	2 -1-75	9.42	4,830
BIG SUR RIVER BASIN									
BIG SUR RIVER NEAR BIG SUR	47	1950-	USGS	4- 2-58	11.6	5,680	2 -2-75	8.37	2,780

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CENTRAL COASTAL AREA (CONTINUED)									
ARROYO DE LA CRUZ BASIN									
ARROYO DE LA CRUZ NEAR SAN SIMEON	41	1950-	USGS	12- 6-66	15.3	35,200	3-22-75	6.90	3,080
SANTA MARIA RIVER BASIN									
SISQUOC RIVER NEAR GAREY	471	1940-	USGS	1-25-69	13.0	24,500	3 -6-75	6.9	2,600
SANTA MARIA RIVER AT GUADALUPE	1741	1940-	USGS	1-16-52	8.2(C)	32,800	3 -8-75	5.96	250
SANTA YNEZ RIVER BASIN									
SANTA YNEZ RIVER BELOW GIBRALTAR DAM NEAR SANTA BARBARA	216	1920-	USGS	1-25-69	25.8	54,200	3 -7-75	13.10	5,000
SANTA CRUZ CREEK NEAR SANTA YNEZ	74	1941-	USGS	2-24-69	14.5(A)	7,050	12 -4-74	8.58	300
SAN JOSE CREEK BASIN									
SAN JOSE CREEK NEAR GOLETA	6	1941-	USGS	1-25-69 1-21-43	10.1 12.7	2,000 - -	12 -3-74	7.81	900
ATASCADERO CREEK BASIN									
ATASCADERO CREEK NEAR GOLETA	19	1941-	USGS	1-25-69	13.0	5,230	12 -3-74	11.19	2,400
CARPINTERIA CREEK BASIN									
CARPINTERIA CREEK NEAR CARPINTERIA	13	1941-	USGS	12-27-71	14.1(A)	8,880	12 -4-74	3.41	570
SOUTH COASTAL AREA									
VENTURA CREEK BASIN									
MATILIJA CREEK AT MATILIJA HOT SPRINGS	55	1927-	USGS	1-25-69	16.5	20,000	3 -6-75	6.13	1,400
VENTURA RIVER NEAR MEINERS OAKS	76	1959-	USGS	1-25-69	- -	28,000(E)	12 -4-74	4.17	2,300
COYOTE CREEK NEAR OAK VIEW	13	1958-	USGS	1-25-69	12.0	8,000	12 -4-74	7.51	870
VENTURA RIVER NEAR VENTURA	188	1911-14 1929-	USGS	1-25-69	24.3(A)	58,000	3 -8-75	11.07	5,200
SANTA CLARA RIVER BASIN									
SAN CLARA RIVER AT LOS ANGELES-VENTURA CO. LINE	644	1952-	USGS	1-25-69	19.0	68,800	12 -4-74	5.87	2,200
PIRU CREEK ABOVE LAKE PIRU	372	1955-	USGS	2-25-69	18.6(A)	31,200	12 -4-74	6.02	1,700
SESPE CREEK NEAR FILLMORE	251	1911-13 1927-	USGS	1-25-69 2-25-69	20.8 25.0(A)	60,000 - -	3 -8-75	16.28	9,100
SANTA PAULA CREEK NEAR SANTA PAULA	40	1927-	USGS	2-25-69	15.2(A)	21,000	12 -4-74	7.92	350
MALIBU CREEK BASIN									
MALIBU CREEK AT CRATER CAMP NEAR CALABASAS	105	1931-	USGS	1-25-69	21.4	33,800	12 -4-74	7.85	2,700
BALLONA CREEK BASIN									
BALLONA CREEK NEAR CULVER CITY	90	1928-	USGS	11-21-67	14.9	32,500	12 -4-74	12.42	20,600

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SOUTH COASTAL AREA (CONTINUED)									
LOS ANGELES RIVER BASIN									
LOS ANGELES RIVER AT SEPULVEDA DAM	158	1929-	USGS	1-25-69	11.4	13,800	12 -4-74	10.00	11,400
LOS ANGELES RIVER AT LOS ANGELES	514	1929-	USGS	3- 2-38	- -	67,000	12 -4-74	9.08	27,600
RIO HONDO NEAR DOWNEY	143	1928-	USGS	1-25-69	15.2	46,900	12 -4-74	7.51	13,300
SANTA ANA RIVER BASIN									
SANTA ANA RIVER NEAR MENTONE	209	1896-	USGS	3- 2-38	14.3(C)	52,300	3 -8-75	3.10	240
SAN GABRIEL RIVER BELOW SANTA FE DAM NEAR BALDWIN PARK	236	1942-	USGS	1-26-69	22.2	30,900	4-22-75	11.30	410
SANTA ANA RIVER AT 'E' ST NEAR SAN BERNARDINO	532	1939-54 1966-	USGS	2-25-69	16.5	28,000	12 -4-74	4.08	N/A
MILL CREEK NEAR YUCAIPA	42	1919-38 1947-	USGS	1-25-69	16.8(A)	35,400	12 -4-74	8.32	60
LYTLE CREEK NEAR FONTANA	46	1918-	USGS	1-25-69	15.0(A)	35,900	3 -6-75	4.93	300
CAJON CREEK BELOW LONE PINE CREEK	56	1971-	USGS	12-25-71	10.6	900	3 -6-75	9.00	200(U)
SANTA ANA RIVER AT M.W.D. CROSSING	854	1970-	USGS	12-29-70	10.9	5,300	3 -8-75	10.22	3,060
SAN JACINTO RIVER NEAR SAN JACINTO	141	1920-	USGS	2-16-27	- -	45,000	3 -8-75	9.71	90
SANTIAGO CREEK AT MODJESKA	13	1961-	USGS	2-25-69	6.2	6,520	3 -8-75	4.40	180
SANTIAGO CREEK AT SANTA ANA	95	1928-	USGS	2-25-69 1-16-52	9.1(C) 9.8	6,600 - -	12 -4-74		1,150(E)
SAN JUAN CREEK BASIN									
SAN JUAN CREEK NEAR SAN JUAN CAPISTRANO	106	1928-	USGS	2-25-69	5.6(AC)	22,400	3-10-75	3.16	130
SANTA MARGARITA RIVER BASIN									
SANTA MARGARITA RIVER NEAR TEMECULA	588	1923-	USGS	2-16-27	14.6(C)	25,000	12 -4-74	2.71	100
SANTA MARGARITA RIVER AT YSIDORA	739	1923-	USGS	2-16-27	18.0(C)	33,600			NO FLOW
SAN LUIS REY RIVER BASIN									
SAN LUIS REY RIVER AT MONSERATE NARROWS NR PALA	373	1935-41 1946-	USGS	2- 7-37	8.7(C)	- -	3 -9-75	3.93	10
SAN LUIS REY RIVER NEAR BONSALL	512	1916-18 1929-	USGS	3- 3-38	16.0	18,100	4 -9-75	8.31	160
SAN DIEGUITO RIVER BASIN									
SANTA YSABEL CREEK NEAR RAMONA	112	1912-23 1943-	USGS	1-27-16	14.0(C)	28,400	4 -9-75	3.11	60
SANTA YSABEL CREEK NEAR SAN PASQUAL	128	1905-12 1947-	USGS	3-24-06	6.3(C)	8,000	4 -9-75	2.22	70
SAN DIEGO RIVER BASIN									
SAN DIEGO RIVER NEAR SANTEE	377	1912-	USGS	1-27-16	25.1(C)	70,200	12 -4-74	7.67	1,280
SWEETWATER RIVER BASIN									
SWEETWATER RIVER NEAR DESCANSO	46	1905-27 1956-	USGS	2-16-27	13.2(AC)	11,200	4 -9-75	3.69	10
TIJUANA RIVER BASIN									
TIJUANA RIVER NEAR DULZURA	481	1936-	USGS	2- 7-37	8.5	4,700	6 -7-75	2.88	30

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CENTRAL VALLEY AREA									
SACRAMENTO RIVER BASIN									
SACRAMENTO RIVER AT DELTA	425	1944-	USGS	12-22-64	20.1	38,800	3 -8-75	12.51	14,600
PIT RIVER NEAR BIEBER	2475	1904-31 1951-	USGS	3-19-07	16.7	33,800	2-15-75	7.51	3,900
PIT RIVER BELOW PIT NO.4 DAM	4647	1922-	USGS	1-25-70	18.1	32,500(E)	2-14-75	12.58	11,900
MCCLOUD RIVER ABOVE SHASTA LAKE	604	1945-	USGS	12-22-55	28.2	45,200	3-19-75	17.0	8,260
SACRAMENTO RIVER AT KESWICK	6468	1938-	USGS-DWR	2-23-40	47.2(C)	186,000	3-19-75	24.52	37,600
CLEAR CREEK AT FRENCH GULCH	115	1950-	USGS	12-22-64	13.7	7,600	3 -8-75	11.31	4,770
CLEAR CREEK NEAR IGO	228	1940-	USGS	12-21-55	13.8	24,500	3-18-75	8.44	6,450
COW CREEK NEAR MILLVILLE	425	1949-	USGS	12-27-51	21.6	45,200	2-13-75	14.51	23,200
COTTONWOOD CREEK NEAR COTTONWOOD	922	1940-	USGS	12-22-64	19.6	60,000	3 -7-75	15.88	33,400
BATTLE CREEK BELOW COLEMAN FISH HATCHERY NEAR COTTONWOOD	358	1961-	USGS	12-11-37	15.8(AC)	35,000	2-13-75	7.08	5,240
SACRAMENTO RIVER AT BEND BRIDGE	--	1960-	DWR	1-24-70	48.3	158,000	2-13-75	35.97	84,700
PAYNES CREEK NEAR RED BLUFF	93	1949-	USGS	12- 1-61	11.3	10,600			N/A
RED BANK CREEK NEAR RED BLUFF	94	1948-	DWR	1- 5-65	10.1	9,730	3 -7-75	9.41	6,220
ANTELOPE CREEK NEAR RED BLUFF	123	1940-	USGS	1-23-70	16.0	17,200	2-13-75	12.13	4,250
ELDER CREEK NEAR PASKENTA	93	1948-	USGS	2-24-58	13.9(C)	11,700	3 -7-75	11.16	9,890
MILL CREEK NEAR LOS MOLINOS	131	1909-13 1928-	USGS	12-11-37	23.4(A)	36,400	2-13-75	9.45	5,930
THOMES CREEK AT PASKENTA	194	1920-	USGS-DWR	12-22-64	15.3	37,800	3 -7-75	8.20	10,600
DEER CREEK NEAR VINA	208	1911-15 1920-	USGS-DWR	12-10-37	19.2(A)	23,800	2-12-75	7.89	4,090
SACRAMENTO RIVER AT VINA BRIDGE	--	1945-	DWR	1-24-70 1-24-70	191.5(T) - -	171,000 228,000(L)	2-13-75	85.26	108,800
SACRAMENTO RIVER AT HAMILTON CITY (BEFORE SHASTA DAM)	--	1927-43	DWR	12-11-37	150.7(CT	350,000(EL			
SACRAMENTO RIVER AT HAMILTON CITY (AFTER SHASTA DAM)	--	1944-	DWR	1-24-70	150.8(T)	156,000	2-13-75	44.99	100,700
BIG CHICO CREEK NEAR CHICO	72	1930-	USGS	1- 5-65	15.4	9,580	2-13-75	8.77	3,580
STONY CREEK NEAR FRUTO	598	1901-12 1960-	USGS	12-23-64	15.9	40,200	3 -7-75	12.68	24,100
STONY CREEK NEAR HAMILTON CITY	777	1940-	USGS	2-25-58	18.3	39,900	STATION DISCONTINUED		
SACRAMENTO RIVER AT ORD FERRY (BEFORE SHASTA DAM)	--	1921-43	DWR	2-28-40	121.7(T)	370,000(EL			
SACRAMENTO RIVER AT ORD FERRY (AFTER SHASTA DAM)	--	1944-	DWR	1-24-70	119.8(T)	265,000(EL	2-14-75	64.05	98,000
SACRAMENTO RIVER AT BUTTE CITY (BEFORE SHASTA DAM)	--	1921-43	USGS-DWR	2- 7-42	96.9	170,000			

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CENTRAL VALLEY AREA (CONTINUED)									
SACRAMENTO RIVER BASIN (CONTINUED)									
SACRAMENTO RIVER AT BUTTE CITY (AFTER SHASTA DAM)	--	1944-	USGS-DWR	2-20-58 1-24-70	96.7 - -	160,000 225,000(L)	2-14-75 0 0 0	90.62	91,000
MOULTON WEIR SPILL TO BUTTE BASIN	--	1935-	DWR	1-25-70 2- 7-42	83.6 83.8	36,400(B) - -	2-14-75	79.28	6,350
COLUSA WEIR SPILL TO BUTTE BASIN	--	1935-	DWR	3- 1-40	70.6	86,000(B)	2-14-75	66.40	39,150
SACRAMENTO RIVER AT COLUSA	12110	1940-	USGS-DWR	2- 8-42	69.2	49,000	2-14-75	65.16	41,400
COLUSA BASIN DRAIN AT HIGHWAY 20	--	1924-	DWR	2-21-58	51.9	25,400(E)	2-13-75	48.14	2,470
BUTTE CREEK NEAR CHICO	147	1930-	USGS	12-22-64	14.1	21,200	2-13-75	6.33	4,980
BUTTE SLOUGH NEAR MERIDIAN	--	1968-	DWR	1-26-70	61.5(E)	152,000(E)	3-24-75	55.18	36,500
TISDALE WEIR SPILL TO SUTTER BYPASS	--	1940-	DWR	3- 1-40	53.3	25,700(B)	2-15-75	48.84	18,000
SACRAMENTO RIVER BELOW WILKINS SLOUGH	12926	1938-	USGS	1-26-70 3- 1-40	50.7 52.8	29,300 - -	3-23-75	48.58	28,000
SACRAMENTO RIVER AT KNIGHTS LANDING	14541	1921-39 1940-	USGS-DWR	1-26-70 2- 8-42	40.9 41.8(D)	30,800 - -	3 -9-75		28,600
MIDDLE FORK FEATHER RIVER NEAR CLIO	686	1925-	USGS	2- 1-63	16.2	14,500	3-26-75	10.10	3,210
MIDDLE FORK FEATHER RIVER NEAR MERRIMAC	1062	1951-	USGS	12-22-64	26.5(A)	86,200	3-25-75	11.46	8,280
NORTH FORK FEATHER RIVER NEAR PRATTVILLE	493	1905-	USGS	3-19-07	16.2(C)	10,000	2-12-75	2.51	40
BUTT CREEK BELOW ALMADOR-BUTT CREEK TUNNEL NEAR PRATTVILLE	69	1936-59 1964-	USGS	12-23-64	5.9	3,830	3-25-75	1.46	250
INDIAN CREEK NEAR CRESCENT MILLS	739	1906-18 1930-	USGS	3-19-07	20.2(C)	25,000	5-15-75	9.10	4,830
SPANISH CREEK ABOVE BLACKHAWK CREEK AT KEDDIE	184	1933-	USGS	12-22-64	13.5	15,400	3-25-75	6.48	3,170
NORTH FORK FEATHER RIVER AT PULGA	1953	1910-	USGS	12-22-64	35.8	73,000(H)	5-15-75	14.80	9,460
WEST BRANCH FEATHER RIVER NEAR PARADISE	110	1957-	USGS-DWR	12-22-64	26.2(A)	26,300	2-13-75	11.17	4,440
FEATHER RIVER AT OROVILLE (BEFORE OROVILLE DAM)	3624	1894-67	USGS-DWR NOAA	3-19-07 12-22-64	28.2 - -	230,000(CP 252,000(Q)			
FEATHER RIVER AT OROVILLE (AFTER OROVILLE DAM)	3624	1967-	USGS-DWR	1-25-70	15.3	56,300(N)	1-13-75	1.13	1,000
THERMALITO AFTERBAY RELEASE TO FEATHER RIVER NEAR OROVILLE	--	1967-	USGS-DWR	1-28-70	23.3	21,600	5-12-75	6.52(J)	10,000
FEATHER RIVER NEAR GRIDLEY (BEFORE OROVILLE DAM)	3676	1929-67	USGS-DWR	12-23-55	102.2(T)	- -			
FEATHER RIVER NEAR GRIDLEY (AFTER OROVILLE DAM)	3676	1967-	USGS-DWR	1-27-70	92.8(T)	72,900	5-14-75	79.22	10,800
SOUTH HONCUT CREEK NEAR BANGOR	31	1950-	USGS	12-26-64	19.3	17,600	2 -1-75	9.39	3,920

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CENTRAL VALLEY AREA (CONTINUED)									
SACRAMENTO RIVER BASIN (CONTINUED)									
FEATHER RIVER AT YUBA CITY	3974	1943-	USGS-DWR	12-23-64 12-24-55	76.4 82.4	172,000 - -	3-25-75	45.17	- -(D)
NORTH YUBA RIVER BELOW GOODYEARS BAR	250	1930-	USGS	2- 1-63	23.8(A)	40,000	6 -6-75	9.51	4,690
NORTH YUBA RIVER BELOW NEW BULLARDS BAR DAM	490	1940-	USGS	1-22-70 12-22-64	35.3 40.5(C)	56,200 91,600(M)	10-14-74	8.55	790
SOUTH YUBA RIVER NEAR CISCO	52	1942-	USGS	1-31-63	20.6(A)	18,400	5-31-75	7.90	2,530
SOUTH YUBA RIVER AT JONES BAR NEAR GRASS VALLEY	308	1940-48 1959-	USGS	12-22-64	25.0(A)	53,600	3-25-75	11.79	6,560
YUBA RIVER BELOW ENGLEBRIGHT DAM	1108	1941-	USGS	12-22-64	564.1(C)	171,000(K)	6-16-75	10.57	6,780
DEER CREEK NEAR SMARTVILLE	85	1935-	USGS	10-13-62	13.8	11,600	2-12-75	9.21	4,580
YUBA RIVER NEAR MARYSVILLE	1339	1940-	USGS	12-22-64	90.2	180,000	3-25-75	67.12	10,900
BEAR RIVER NEAR WHEATLAND	292	1928-	USGS	12-22-55 11-21-50	19.3(C) 20.8(C)	33,000 - -	3-25-75	13.04	8,880
FEATHER RIVER AT NICOLAUS	5920	1943-	USGS-DWR	12-23-55	51.6	357,000	2-14-75	37.05	33,500
FREMONT WEIR (WEST END) SPILL TO YOLO BYPASS	--	1934-	DWR	12-23-55	39.7	294,000(B)	3-25-75	35.28	31,300
SACRAMENTO RIVER AT VERONA	21257	1929-	USGS-DWR	3- 1-40	41.2	79,200	3-26-75	34.17	63,700
SACRAMENTO WEIR SPILL TO YOLO BYPASS NEAR SACRAMENTO	--	1926-	USGS-DWR	3-26-28 12-23-55	32.8 33.6	118,000(BE - -			NO FLOW
NORTH FORK AMERICAN RIVER AT NORTH FORK DAM	342	1941-	USGS	12-23-64	11.9	65,400	3-25-75	5.33	11,600
RUBICON RIVER NEAR FORESTHILL	315	1958-	USGS	12-23-64	55.4(A1)	- -	3-25-75	10.69	3,390
MIDDLE FORK AMERICAN RIVER NEAR FORESTHILL	524	1958-	USGS	12-23-64	69.0(A1)	310,000(I)	3-25-75	12.72	11,200
MIDDLE FORK AMERICAN RIVER NEAR AUBURN	614	1911-	USGS	12-23-64	60.4(A1)	253,000(I)	3-25-75	16.61	13,500
SOUTH FORK AMERICAN RIVER NEAR CAMINO	493	1922-	USGS	12-23-55	32.6(A)	49,800	3-25-75	11.14	1,900
SOUTH FORK AMERICAN RIVER NEAR LOTUS	673	1951-	USGS	12-23-55	21.4	71,800	3-25-75	10.79	10,970
AMERICAN RIVER AT FAIR OAKS (BEFORE FOLSOM DAM)	1888	1904-55	USGS	11-21-50	31.9(C)	180,000			
AMERICAN RIVER AT FAIR OAKS (AFTER FOLSOM DAM)	1888	1955-	USGS	12-23-64	21.6	115,000	4 -3-75	9.80	8,300
SACRAMENTO RIVER AT SACRAMENTO	23530	1879-	USGS-DWR NOAA	11-21-50	30.1(C)	104,000	3-26-75	21.85	74,400
SACRAMENTO RIVER AT WALNUT GROVE	--	1929-	DWR	12-25-64	12.2	- -	3-27-75	8.62	- -(D)
ADOBE CREEK NEAR KELSEYVILLE	6	1954-	USGS	12-22-64	9.1	1,500	3-21-75	7.59	900
KELSEY CREEK NEAR KELSEYVILLE	37	1946-	USGS	12-21-55	12.8	8,800	3-21-75	10.82	4,750
CACHE CREEK NEAR LOWER LAKE	528	1944-	USGS	2-24-58	9.4	6,000	3-21-75	8.00	5,100

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CENTRAL VALLEY AREA (CONTINUED)									
SACRAMENTO RIVER BASIN (CONTINUED)									
NORTH FORK CACHE CREEK NEAR LOWER LAKE	197	1930-	USGS	12-11-37	14.0(A)	20,300	2-12-75	5.67	1,790
CACHE CREEK ABOVE RUMSEY	955	1960-	USGS-DWR	1- 5-65	21.4(A)	59,000	3-21-75	13.81	11,900
CACHE CREEK NEAR CAPAY	1044	1942-	USGS	2-24-58	20.9	51,600	3-22-75	13.17	14,200
CACHE CREEK AT YOLO	1139	1903-	USGS	2-25-58 3-10-04	85.4 88.4(P)	41,400 - -	3-22-75	69.71	14,900
YOLO BYPASS NEAR WOODLAND	--	1939-	USGS-DWR	2- 8-42	32.0	272,000	3-25-75	25.70	36,500
PUTAH CREEK NEAR WINTERS	574	1930-	USGS-DWR	2-27-40	30.5	81,000	3-25-75	12.98	3,870
YOLO BYPASS NEAR LISBON	--	1914-	DWR	12-25-64	24.7	350,000(E)	3-25-75	15.76	- -(D)
SACRAMENTO RIVER AT RIO VISTA	--	1906-	DWR	12-26-55	10.2	- -(D)	6-11-75	8.16	- -(D)
SAN JOAQUIN RIVER BASIN									
WILLOW CREEK AT MOUTH NEAR AUBERRY	130	1952-	USGS	12-23-55	28.5(A)	15,700	3-25-75	8.97	740
SAN JOAQUIN RIVER BELOW KERCHOFF POWERHOUSE NEAR PRATHER	1481	1942-	USGS-	12-23-55	51.0(A)	92,200	5 -3-75	17.55	5,510
SAN JOAQUIN RIVER BELOW FRIANT	1676	1907-	USGS	12-11-37 6- 6-69	23.8(CM) 11.7	77,200(M) 12,400	4-24-75	2.69	150
SAN JOAQUIN RIVER NEAR MENDOTA	4310	1939-	USGS-DWR	6- 1-52 6-20-41	- - 13.8(C)	8,840 11,740(M)	3 -5-75	3.25	270
FRESNO RIVER NEAR KNOWLES	133	1911-13 1915-	USGS	12-23-55	11.5	13,300	3-25-75	4.12	1,300
FRESNO RIVER NEAR DAULTON	258	1941-	USGS	12-23-55	12.6	17,500	3-26-75	8.42	880
CHOWCHILLA RIVER BELOW RAYNOR CREEK NEAR RAYMOND	254	1972-	USGS	2-11-73	9.9	11,100	2-10-75	6.38	1,740
EASTSIDE BYPASS NEAR EL NIDO	--	1964-	DWR	2-25-69	17.6	21,700	2-12-75	12.13	1,260
SAN JOAQUIN RIVER AT FREMONT FORD BRIDGE	7615	1937-	DWR	2-26-69	68.1	9,180	2 -6-75	62.63	2,310
MERCED RIVER AT POHONO BRIDGE NEAR YOSEMITE	321	1916-	USGS	12-23-55	21.5(A)	23,400	6 -2-75	10.80	7,280
SOUTH FORK MERCED RIVER NEAR EL PORTAL	241	1950-	USGS	12-23-55	18.7	46,500	6 -4-75	10.34	4,770
MERCED RIVER NEAR BRICEBURG	691	1965-	USGS	12- 6-66	17.8	21,500	STATION DISCONTINUED		
MERCED RIVER NEAR STEVINSON	1273	1940-	USGS	12- 5-50	73.8	13,600	6-19-75	66.61	4,210
SAN JOAQUIN RIVER NEAR NEWMAN	9520	1912-	USGS-DWR	2-26-69	65.9(A)	34,700(L)	2-15-75	56.74	4,600
ORESTIMBA CREEK NEAR NEWMAN	134	1932-	USGS	4- 2-58	6.6(C)	10,200	3 -8-75	6.08	1,010
SOUTH FORK TUOLUMNE RIVER NEAR OAKLAND RECREATION CAMP	87	1923-	USGS	12-23-55	10.9(A)	11,900	3-25-75	5.66	1,210
MIDDLE TUOLUMNE RIVER AT OAKLAND RECREATION CAMP	74	1916-	USGS	12-23-55	11.8(A)	4,920	6 -2-75	6.34	1,110
TUOLUMNE RIVER AT MODESTO	1884	1940-	USGS-DWR	12- 9-50	69.2	57,000	2 -1-75	45.91	4,090

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CENTRAL VALLEY AREA (CONTINUED)									
SAN JOAQUIN RIVER BASIN (CONTINUED)									
SOUTH FORK STANISLAUS RIVER NEAR LUNG BARN	67	1937-	USGS	11-21-50	9.3	4,900	3-25-75	3.65	390
STANISLAUS RIVER AT ORANGE BLOSSUM BRIDGE	--	1928-39, 1940-	OWR	12-23-55	31.8	62,000	6 -2-75	13.88	7,550
STANISLAUS RIVER AT RIPON	1075	1940-	USGS-UWR	12-24-55 2-12-38	63.3 64.4(A)	62,500 - -	6 -3-75	55.37	7,870
SAN JOAQUIN RIVER NEAR VERNALIS	13540	1922-	USGS-UWR	12- 9-50 1-27-69	32.8(C) 34.6	79,000 52,600	2-15-75	18.60	9,080
DUCK CREEK NEAR STOCKTON	--	1950-	OWR	1-16-73	6.5	780	3-14-75	5.35	450
SOUTH FORK CALAVERAS RIVER NEAR SAN ANDREAS	118	1950-	USGS	12-23-55	10.3	17,600	3-25-75	7.97	4,100
MORMON SLOUGH AT BELLOTA	--	1948-	OWR	4- 2-58	20.7	15,400(E)	3-26-75	11.00	6,970
STOCKTON DIVERTING CANAL AT STOCKTON	--	1944-	OWR	4- 4-58	17.1(E)	11,400(E)	3-26-75	12.02	6,230
CALAVERAS RIVER NEAR STOCKTON	--	1958-	OWR	1- 6-65	12.6	760(E)			N/A
BEAR CREEK NEAR LOCKEFORD	48	1930-	USGS	4- 3-58	15.1	2,930	2 -9-75	13.99	760
COLE CREEK NEAR SALT SPRINGS DAM	20	1927-42, 1943-	USGS	12-23-64	10.2	6,140			N/A
SOUTH FORK MOKELUMNE RIVER NEAR WEST POINT	75	1933-	USGS	12-23-55	14.8(AC)	6,920	3-25-75	6.88	1,600
MOKELUMNE RIVER NEAR MOKELUMNE HILL	544	1901-	USGS	12- 3-50	18.5	33,700	6 -7-75	8.00	6,160
MOKELUMNE RIVER AT WOODBRIDGE	661	1924-	USGS	11-22-50	29.6	27,000	3-28-75	13.05	1,630
MOKELUMNE RIVER NR THORNTON(BENSON FERRY)	2045	1911-	OWR-NOAA	12-24-55	18.0(C)	- -(D)	3-26-75	9.04	- -(D)
DRY CREEK NEAR GALT	329	1926-33, 1944-	USGS-OWR	4- 3-58	15.3	24,000	2-10-75	14.21	7,190
NORTH FORK COSUMNES RIVER NEAR EL DORADO	205	1911-41, 1948-	USGS	12-23-55	14.8	15,800	3-25-75	8.79	4,330
SOUTH FORK COSUMNES RIVER NEAR RIVER PINES	64	1957-	USGS	2- 1-63	10.9	5,540	2 -9-75	7.05	2,740
COSUMNES RIVER AT MICHIGAN BAR	536	1907-	USGS-OWR	12-23-55 3- -07	14.6 16.3(A)	42,000 - -	3-25-75	8.54	11,030
COSUMNES RIVER AT MCCONNELL	724	1941-	USGS	12-23-55	46.3	54,000	3-26-75	42.79	7,600
TULARE LAKE BASIN									
TULE RIVER NEAR SPRINGVILLE	247	1957-	USGS	12- 6-66	19.7(AC)	49,600	2-10-75	6.37	1,310(L)
TULE RIVER BELOW SUCCESS DAM	393	1953-	USGS	12-23-55 11-19-50	21.7(C) 26.0(AC)	27,000 32,000(M)	2-11-75	5.38	320
KAWEAH RIVER AT THREE RIVERS	418	1958-	USGS	12- 5-66 12- 5-66	16.7 19.0(A)	73,000 - -	6 -1-75	7.70	4,250
KINGS RIVER BELOW NORTH FORK	1342	1951-	USGS	12-23-55	23.1	85,200	6 -1-75	10.27	13,900
BUENA VISTA LAKE BASIN									
KERN RIVER AT KERNVILLE	1009	1905-12, 1953-	USGS	12- 6-66	19.3(A)	74,000	6 -1-75	7.60	4,190

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NORTHERN LAHONTAN AREA									
HONEY LAKE BASIN									
WILLOW CREEK NEAR SUSANVILLE	90	1950-	USGS	2- 1-63	5.6	820	3-25-75	4.53	390
SUSAN RIVER AT SUSANVILLE	184	1917-21 1950-	USGS	12-22-64	7.3	5,100	5-14-75	4.45	770
PYRAMID AND WINNEMUCCA LAKES BASIN									
LITTLE TRUCKEE RIVER ABOVE BOCA RESERVOIR NEAR BOCA	146	1903-10 1939-	USGS	2- 1-63	9.0	13,300	6-16-75	2.65	1,000
TRUCKEE RIVER AT FARAD	932	1899-	USGS	11-21-50	14.5(A)	17,500	5-14-75	6.85	4,100
CARSON RIVER BASIN									
EAST FORK CARSON RIVER BELOW MARKLEEVILLE CREEK	276	1960-	USGS	1-31-63	10.2	15,100	6 -6-75	6.33	3,320
WEST FORK CARSON RIVER AT WOODFORDS	66	1900-07 1938-	USGS	2- 1-63	9.0	4,890	5-19-75	4.33	1,290
WALKER LAKE BASIN									
WEST WALKER RIVER BELOW LITTLE WALKER RIVER NEAR COLEVILLE	180	1938-	USGS	11-20-50	8.1	6,220	6 -2-75	5.42	2,580
EAST WALKER RIVER NEAR BRIDGEPORT	359	1911-14 1921-	USGS	6-19-63	4.6	1,390	5-14-75	2.85	550
SOUTHERN LAHONTAN AREA									
MOJAVE RIVER BASIN									
MOJAVE RIVER AT LOWER NARROWS NEAR VICTORVILLE	514	1899-06 1930-	USGS	3- 2-38	23.7	70,600	3 -6-75	3.23	120
MOJAVE RIVER AT BARSTOW	1290	1930-	USGS	3- 3-38	8.6	64,300			NO FLOW
MOJAVE RIVER AT AFTON	2120	1929-32 1952-	USGS	1-26-69	10.4	18,000	6 -7-75	5.17	2